

10/091,885

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504

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Set	Items	Description
S1	227894	KEY? ?
S2	3508	UNIQUE() (ID OR IDENTIFIER? ? OR IDENTIFICATION) OR UID OR - GUID
S3	3753	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES) (5N) (FILE? ? OR DO- CUMENT? ?)
S4	5275	(CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? - ?) (5N) (FILE? ? OR DOCUMENT? ?)
S5	11369	FILENAME? ? OR FILE()NAME? ? OR (NAME OR TITLE) (3N) DOCUMEN- T? ? OR (SIZE OR LENGTH) (3N) (FILE? ? OR DOCUMENT? ?)
S6	7	DERIV?(7N)S1:S2(7N)S3:S5
S7	2056	PARAMETER? ?(5N) (FILE? ? OR DOCUMENT? ?)
S8	0	DERIV?(7N)S1:S2(7N)S7
S9	55	S1(5N) (S3:S4 OR S7) (5N) (ESTABLISH? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR CALCULA? OR DEFIN???)
S10	54	S9 NOT S6
S11	19	S10 AND AC=US/PR
S12	17	S11 AND AY=(1970:2002)/PR
S13	37	S10 AND PY=1970:2002
S14	44	S12:S13
S15	1643	S5(5N) (ESTABLISH? OR GENERAT? OR CREAT???? OR FASHION? OR - CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMPUTED OR COM- PUTING OR CALCULA? OR DEFIN???)
S16	1929	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ? OR S5) (7N) (ENCOD??? OR INSERT??? OR ADD??? OR INCLUD??? OR INCOR- PORAT???) (7N)S1:S2
S17	7	S2(5N) (S3:S4 OR S7) (5N) (ESTABLISH? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR CALCULA? OR DEFIN???)
S18	72	(S1:S2) (7N)S5(7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR F- ASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMP- UTED OR COMPUTING OR CALCULA? OR DEFIN???)
S19	11	S16 AND S18
S20	10	S19 NOT (S10 OR S17)

14/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05308006 \*\*Image available\*\*  
OPTICAL INFORMATION READ FILING DEVICE

PUB. NO.: 08-263506 [JP 8263506 A]  
PUBLISHED: October 11, 1996 ( 19961011)  
INVENTOR(s): ABE YOSHIFUMI  
KURATA MASATOSHI  
TAKAKUWA NOBUYUKI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-063723 [JP 9563723]  
FILED: March 23, 1995 (19950323)  
INTL CLASS: [6] G06F-017/30; G06F-019/00; G06T-001/00; G06K-009/32  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3  
(INFORMATION PROCESSING -- Input Output Units); 45.9  
(INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);  
R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)

#### ABSTRACT

PURPOSE: To optically read characters while conveying documents, printing values which are characteristic of the documents, and electronically filing the documents simultaneously in parallel.

CONSTITUTION: With a read start indication made by operator's key input, a control part 1 issues a read instruction to an OCR device 2. The OCR device 2 feeds one document 27 out of a hopper 23, and a read processing part reads an image out of the document through photoelectric conversion and reports it to a control part 1 and comes to stand by. The control part 1 generates characteristic data, document by document, and outputs them as key data of document images to a hard disk 12 or an optical disk 11, prints the key data, and issues an instruction for discharging the document to the OCR device 2. The OCR device 2 prints the received key data on the document by a document print part 22 and switches a gate 24, discharges the document to an accept stacker 25, and stands by. The control part 1 issues a next document read indication to the OCR device 2. Thus, the same processes are performed to perform a successive document read filing process.

14/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04751967 \*\*Image available\*\*  
DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 07-044567 [JP 7044567 A]  
PUBLISHED: February 14, 1995 ( 19950214)  
INVENTOR(s): SATO OSAMU  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-188243 [JP 93188243]  
FILED: July 29, 1993 (19930729)  
INTL CLASS: [6] G06F-017/30  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2  
(INFORMATION PROCESSING -- Memory Units)

#### ABSTRACT

PURPOSE: To provide a document retrieval device capable of obtaining an absolutely sufficient retrieved result with the retrieval of one time by retrieving similar documents from a document data base with the document itself as a retrieval key.

CONSTITUTION: This document retrieval device is constituted of a retrieval key word set generation means 2 for analyzing an input document 1 and **generating** a retrieval **key** word set 3 for which weighing corresponding to **document** component **elements** is performed and a **document** retrieval means for retrieving the document data base based on the retrieval key word set 3, calculating the weight of respective matched key words for each document obtained as a result and obtaining cumulative weight for the document of the retrieved result. Since the cumulative weight indicating the degree of similarity with the input document is added to the retrieved result, a user can efficiently select the retrieved result by referring to it.

14/5/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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04653033 \*\*Image available\*\*

ARRAY TYPE ITEM RETRIEVAL SYSTEM

PUB. NO.: 06-324933 [JP 6324933 A]

PUBLISHED: November 25, 1994 ( 19941125)

INVENTOR(s): HIRAOKA AKIO

NAKAYAMA HIDEAKI

ITO TOSHIO

ASADA KAZUSHIGE

YAMAMOTO KENSAKU

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-108613 [JP 93108613]

FILED: May 10, 1993 (19930510)

INTL CLASS: [5] G06F-012/00; G06F-015/40

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PURPOSE: To provide a system capable of retrieving conditionally for elements of array, and a system realizing an index file for performing the retrieval based on this system at high speed.

CONSTITUTION: An array index is added to a conventional index file 6. As to this array index, the array is decomposed into the elements at the time of adding a **key** field to the index **file** 6, the respective **elements** are **defined** as **keys**, and the same record identifier is stored in the value part. On the other hand, this system prepares a user interface for instructing array index as the definition information of a database and a user interface for instructing a condition retrieving operation to any arbitrary element of array. When it is desired to define the respective elements of array as targets at the time of retrieving the stored data by an array type form, the array index is defined by a data definition language for the array type item. On the other hand, when performing retrieval, data corresponding to conditions can be obtained at high speed by instructing the conditional retrieval for any arbitrary element of the array by using a database operation language.

14/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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04116936 \*\*Image available\*\*

ROUTINE DOCUMENT PREPARING DEVICE

PUB. NO.: 05-108636 [JP 5108636 A]

PUBLISHED: April 30, 1993 ( 19930430)

INVENTOR(s): HONMA MITSURU

APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or

Corporation), JP (Japan)  
APPL. NO.: 03-296654 [JP 91296654]  
FILED: October 17, 1991 (19911017)  
INTL CLASS: [5] G06F-015/20; G06F-015/20; G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1600, Vol. 17, No. 467, Pg. 105,  
August 25, 1993 (19930825)

#### ABSTRACT

PURPOSE: To automatically prepare a routine document without an operator's operation by only actuating to a document preparing program from a work program by constituting the device so that a rule related to generation of a sentence and a rule for executing the format conversion of image data can be applied to the document preparing program.

CONSTITUTION: In a storage means 14, a first file 143 in which a routine document containing **format** information given a 'key' to a **document element** to be substituted is described, and a second file 144 in which a rule to be processed at every kind of the 'key' in advance is described are stored. In such a state, the 'key' is retrieved from a first file 143 by a retrieving means 135, and in order to obtain data corresponding to the 'key' by referring to the rule of a second file 144, a processing for inquiry to a work program 11 is executed. Data of a document element to be substituted, obtained, based on its result is substituted to the corresponding substitution part by a substituting means 134.

14/5/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO  
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03039873 \*\*Image available\*\*  
FILE RETRIEVING DEVICE

PUB. NO.: 02-015373 [JP 2015373 A]  
PUBLISHED: January 19, 1990 (19900119)  
INVENTOR(s): NISHINO NAOKO  
ANDO MAKOTO  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 63-166106 [JP 88166106]  
FILED: July 04, 1988 (19880704)  
INTL CLASS: [5] G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1027, Vol. 14, No. 158, Pg. 159,  
March 27, 1990 (19900327)

#### ABSTRACT

PURPOSE: To effectively retrieve a file by using visual formation indicating the feature of the file as a retrieving key.

CONSTITUTION: An input means is displayed on a visual shape input part 12 so that visual shapes already registered in a system can be observed as a list. A user selects a shape by using a mouse. The visual shapes already registered are controlled by numbers and a file retrieving part 13 retrieves files by matching the shape number of the visual shape selected by the input part 12 with that of the visual shape of the file already registered in a control part 11. For instance, 'aaa' and 'ccc' in the control part 11 are retrieved and the file names 'aaa', 'ccc' appear from a file name output part 14. When the retrieving device is used in parallel with a retrieving device based upon an ordinary keyword, a sharp effect for file retrieval can be obtained

14/5/13 (Item 13 from file: 347)

DIALOG(R)File 347:JAPIO  
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02744346      \*\*Image available\*\*  
COMPOSITE FILE SYSTEM

PUB. NO.:        01-041946 [JP 1041946 A]  
PUBLISHED:      February 14, 1989 ( 19890214)  
INVENTOR(s):    KURAHASHI AKIRA  
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      62-197914 [JP 87197914]  
FILED:          August 07, 1987 (19870807)  
INTL CLASS:     [4] G06F-012/00  
JAPIO CLASS:    45.2 (INFORMATION PROCESSING -- Memory Units)  
JOURNAL:        Section: P, Section No. 879, Vol. 13, No. 239, Pg. 6, June  
                  06, 1989 (19890606)

#### ABSTRACT

PURPOSE: To attain an efficient access by controlling unifiedly the position of a record having the corresponding keyword for every code calculated from the keyword with an element file unit by a super table.

CONSTITUTION: By a super table 3, the position of a record having the corresponding key word for a code **calculated** from the **key** word is unifiedly controlled by the unit of **element files** 4-6 and the independency of the element files 4-6 is maintained. By updating the super table 3, the updating and deleting of the unit of the element files 4-6 are executed. For the element files 4-6, the relation of the stored record and the code is described into a table, and an element file having the possibility that the purpose record is stored through the super table 3 by the record calculated from the key word is specified.

14/5/16        (Item 16 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01327246      \*\*Image available\*\*  
RETRIEVAL PROCESSING METHOD

PUB. NO.:        59-038846 [JP 59038846 A]  
PUBLISHED:      March 02, 1984 ( 19840302)  
INVENTOR(s):    GOTO YOSHINORI  
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      57-150409 [JP 82150409]  
FILED:          August 30, 1982 (19820830)  
INTL CLASS:     [3] G06F-007/28; G06F-015/40  
JAPIO CLASS:    45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
                  45.2 (INFORMATION PROCESSING -- Memory Units); 45.4  
                  (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL:        Section: P, Section No. 282, Vol. 08, No. 137, Pg. 152, June  
                  26, 1984 (19840626)

#### ABSTRACT

PURPOSE: To retrieve quickly a document number of a fundamental term led from a hierarchical relation by making an inputted key word a start point, by generating a key word with respect to an element of the fundamental term by an index word system substitution, and giving a hierarchy.

CONSTITUTION: A fundamental term and a document number are extracted from a retrieval object document file 11. In this case, the fundamental term is divided into each **element** by a separator and is **filed**. Subsequently, a **key word file** is **generated** by combining the **elements**. In this case, a **key word** is used as an index of the fundamental term concerned, a hierarchy is given by only substitution having a sense, it is regarded as relation between the key words, and a network type data which uses this key word as a nodal point is constituted. When executing the retrieval to this data, it reaches some nodal point by following said relation, and the nodal

point concerned is displayed 17 as a proposed example of the following key word.

14/5/17 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016443911 \*\*Image available\*\*  
WPI Acc No: 2004-601827/200458  
XRPX Acc No: N04-475822

**Secured file access system in internet, generates combinatorial key including access information for accessing mirror servers having file blocks and reconstruction information for reconstructing file from blocks**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: YENER B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6772337	B1	20040803	US 99436167	A	19991109	200458 B

Priority Applications (No Type Date): US 99436167 A 19991109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6772337	B1	17	H04L-009/00	

Abstract (Basic): US 6772337 B1

NOVELTY - A trusted authority (TA) server has a combinatorial dispersal module that permutes the divided **elements** of a **file** and assigns the permuted **elements** to blocks which are distributed to respective mirror servers. A **key generator** generates a combinatorial key including access information for accessing the servers having file blocks and reconstruction information for reconstructing file from the blocks.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for secured access of file over network.

USE - For providing secured access to file from multiple mirror servers by clients using combinatorial file dispersal and access control protocol, over computer networks such as internet.

ADVANTAGE - Reduces the security overhead associated with the file access from multiple mirror servers effectively, without requiring to perform authentication or authorization process by the clients, hence eliminates the cost and complexity associated with key management and authorization procedures between the clients and mirror servers effectively.

DESCRIPTION OF DRAWING(S) - DESCRIPTION OF DRAWING - The figure shows a flow diagram explaining the process of accessing and reconstructing the file.

pp; 17 DwgNo 5/6

Title Terms: SECURE; FILE; ACCESS; SYSTEM; GENERATE; COMBINATION; KEY; ACCESS; INFORMATION; ACCESS; MIRROR; SERVE; FILE; BLOCK; RECONSTRUCT; INFORMATION; RECONSTRUCT; FILE; BLOCK

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

14/5/18 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016055269 \*\*Image available\*\*  
WPI Acc No: 2004-213120/200420  
XRPX Acc No: N04-168807

**Document encoding method for electronic display device, involves creating key for correlating characteristics about text with indicia and placing indicia corresponding to characteristics of line adjacent to lines of text**

Patent Assignee: HAASE I X (HAAS-I)

Inventor: HAASE I X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040021310	A1	20040205	US 2002400954	P	20020802	200420 B
			US 2003628142	A	20030725	

Priority Applications (No Type Date): US 2002400954 P 20020802; US 2003628142 A 20030725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040021310	A1		8	B42D-015/00	Provisional application US 2002400954

Abstract (Basic): US 20040021310 A1

NOVELTY - The method involves identifying multiple **characteristics** about text (9) of a **document**. A **key** is **created** for correlating characteristics with multiple unique indicia that are stored in a digital medium. The indicia which are placed adjacent to the lines of text correspond to characteristics of the line based on the key. The key is varied by changing the color-coding of the indicia.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for encoding and displaying a document.

USE - Used with an electronic display and electronic book.

ADVANTAGE - The method is capable of eliminating a mess of a highlighted page and hence reading books from electronic book devices are made easier, more active and much more enjoyable.

DESCRIPTION OF DRAWING(S) - The diagram shows a document encoding system.

Keyboard (1)  
Mouse (2)  
Text (9)  
Encoding program (11)  
Printer (13)  
pp; 8 DwgNo 1/7

Title Terms: DOCUMENT; ENCODE; METHOD; ELECTRONIC; DISPLAY; DEVICE; KEY; CORRELATE; CHARACTERISTIC; TEXT; INDICIA; PLACE; INDICIA; CORRESPOND; CHARACTERISTIC; LINE; ADJACENT; LINE; TEXT

Derwent Class: P76; T01

International Patent Class (Main): B42D-015/00

File Segment: EPI; EngPI

14/5/21 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015594498 \*\*Image available\*\*

WPI Acc No: 2003-656653/200362

XRPX Acc No: N03-523079

**Software copy-protection system, has distributor generates protection file to establish key associated with unique attributes, and is opened after comparing key with system-identifying attributes**

Patent Assignee: WATTS K (WATT-I)

Inventor: WATTS K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6587842	B1	20030701	US 99409615	A	19991001	200362 B

Priority Applications (No Type Date): US 99409615 A 19991001

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6587842	B1		20	G06F-017/00	

Abstract (Basic): US 6587842 B1

NOVELTY - The system has a **key file** that recognizes unique system identifying **attributes**, and a distributor that **generates** a protection file to **establish** a **key** associated only with unique

**attributes** . The protection **file** associated with protection software is opened only after comparing the **key** with the system-identifying **attributes** . The software with the protection **file** is transferred to the hard disk through a media.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a process for limiting copying of computer software.

USE - Used for protecting software.

ADVANTAGE - The system allows the software to operate only in the customer system having a unique protection file and makes the software inoperable when copied into other system. The programs associated with the preparation of a protection file are eliminated after the file is created, thereby protecting the software.

DESCRIPTION OF DRAWING(S) - The drawing shows a software product distribution overview.

pp; 20 DwgNo 1/12

Title Terms: SOFTWARE; COPY; PROTECT; SYSTEM; DISTRIBUTE; GENERATE; PROTECT  
; FILE; ESTABLISH; KEY; ASSOCIATE; UNIQUE; ATTRIBUTE; OPEN; AFTER;  
COMPARE; KEY; SYSTEM; IDENTIFY; ATTRIBUTE

Derwent Class: T01

International Patent Class (Main): G06F-017/00

International Patent Class (Additional): H04K-001/00; H04L-009/00

File Segment: EPI

14/5/22 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015494488 \*\*Image available\*\*

WPI Acc No: 2003-556635/200352

XRPX Acc No: N03-442270

**File system implementation method in network computer system, involves associating each file encryption group with respective cryptographic key and accessing file encryption group by utilizing respective key**

Patent Assignee: KALLAHALLA M (KALL-I); RIEDEL E (RIED-I); SWAMINATHAN R (SWAM-I)

Inventor: KALLAHALLA M; RIEDEL E; SWAMINATHAN R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030081784	A1	20030501	US 2001984928	A	20011031	200352 B

Priority Applications (No Type Date): US 2001984928 A 20011031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030081784	A1	14	H04L-009/00	

Abstract (Basic): US 20030081784 A1

NOVELTY - File encryption groups are **created** from **files** , based on common **attributes** of the **files** . Each **file** encryption group is associated with respective cryptographic **key** . The file encryption group is accessed by utilizing the respective cryptographic key.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) system for implementing file system; and

(2) apparatus for implementing file system.

USE - In network computer system requiring file management.

ADVANTAGE - Reduces cryptographic key for files, by organizing files into file encryption group.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the network computer system.

shared file system (130)

key distribution center (140)

pp; 14 DwgNo 1/6

Title Terms: FILE; SYSTEM; IMPLEMENT; METHOD; NETWORK; COMPUTER; SYSTEM;  
ASSOCIATE; FILE; ENCRYPTION; GROUP; RESPECTIVE; CRYPTOGRAPHIC; KEY;  
ACCESS; FILE; ENCRYPTION; GROUP; UTILISE; RESPECTIVE; KEY

Derwent Class: T01; W01



International Patent Class (Main): H04L-009/00  
File Segment: EPI

14/5/26 (Item 10 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014761814  
WPI Acc No: 2002-582518/ 200262  
XRPX Acc No: N02-461914

Unfair software use prevention method involves authenticating user for  
utilizing software, when characteristic information generated based  
on detected file feature, matches with key data provided to user

Patent Assignee: HORI K (HORI-I)  
Inventor: HORI K  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020069173	A1	20020606	US 20018917	A	20011203	200262 B
JP 2002236522	A	20020823	JP 2001329310	A	20011026	200271

Priority Applications (No Type Date): JP 2000370630 A 20001205

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020069173 A1 17 G06F-017/60  
JP 2002236522 A 13 G06F-001/00

Abstract (Basic): US 20020069173 A1

NOVELTY - A key data is generated based on preset characteristic information and provided to a particular user. When a software is to be used on a particular computer, the feature of a file system of the computer is detected and accordingly a characteristic information is generated. When the generated information matches with the key data, the user is authenticated.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Computer program for prevention of unfair use of software; and
- (2) Apparatus for preventing unfair use of software

USE - For preventing unfair use of software stored in computer.

ADVANTAGE - The unfair use of software is efficiently prevented without requiring hardware keys, thus the need for supplying the software in the form of transportable recording medium and the need for the software supplier to create the software for each operating system are reliably eliminated.

pp; 17 DwgNo 0/6

Title Terms: UNFAIR; SOFTWARE; PREVENT; METHOD; AUTHENTICITY; USER; UTILISE  
; SOFTWARE; CHARACTERISTIC; INFORMATION; GENERATE; BASED; DETECT; FILE;  
FEATURE; MATCH; KEY; DATA; USER

Derwent Class: T01

International Patent Class (Main): G06F-001/00; G06F-017/60  
International Patent Class (Additional): G06F-012/14; G06F-015/00  
File Segment: EPI

14/5/28 (Item 12 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014136934 \*\*Image available\*\*  
WPI Acc No: 2001-621145/ 200172  
XRPX Acc No: N01-463501

Document storage and search control system sets attribute patterns used  
as search keys for documents, as initial storage tip of documents

Patent Assignee: RICOH KK (RICO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2001229174 A 20010824 JP 200037103 A 20000215 200172 B

Priority Applications (No Type Date): JP 200037103 A 20000215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001229174 A 11 G06F-017/30

Abstract (Basic): JP 2001229174 A

NOVELTY - Attribute patterns used as search **keys** for searching documents are **defined** for each **document**. **Defined attribute** patterns are set as initial storage tip of documents during storing of documents in respective holders, and displayed along with document lists.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a recording medium which stores document storage and search control program.

USE - For controlling storage and search of documents containing image data, word processor data file, using a computer.

ADVANTAGE - By defining attribute patterns for searching documents and displaying along with document lists, enables the user to observe a desired document. A desired document is searched simply and efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of document storage and search process. (Drawing includes non-English language text).

pp; 11 DwgNo 4/9

Title Terms: DOCUMENT; STORAGE; SEARCH; CONTROL; SYSTEM; SET; ATTRIBUTE; PATTERN; SEARCH; KEY; DOCUMENT; INITIAL; STORAGE; TIP; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-012/00; G06F-017/21

File Segment: EPI

14/5/29 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013999788 \*\*Image available\*\*

WPI Acc No: 2001-484002/ 200153

XRPX Acc No: N01-358222

**Selective data encoding by application of style-sheet processing for document elements in computer environment, involves carrying out selected support objects on given input document during use of one or more style-sheets**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: DAVIS M C; HIND J R; PETERS M L; TOPOL B B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10051571	A1	20010426	DE 1051571	A	20001018	200153 B

Priority Applications (No Type Date): US 99422430 A 19991021

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 10051571 A1 6 H04L-009/00

Abstract (Basic): DE 10051571 A1

NOVELTY - Documents are subject to selective encoding for protecting the information against unintentional publication, and include XML-documents and XSL-processors, and following preparation of an input-document, one or several support objects are prepared, and then a document-type definition (DTD) corresponding to the given input document. Selected prescribed support objects are carried out during use of one or more style-sheets on the given input document, resulting in an interim document. One or several randomly **generated encoding keys** are then **generated**, and the selected **elements** of the interim **documents** are encoded, to prepared **producing** an encoded output

document with zero or more unencoded elements. The find (result) documents is produced on a given client device, with encoding of the given received documents for a discrete user or process on the stated client device.

USE - Computer system, and especially on computer program for selective encoding of one or more document elements by the use of style sheet processing.

ADVANTAGE - Provides efficient support of the safety measures in complex distributed networks. Enables data to be protected during the entire business process and during the transmission between agents in a network path from a document server to a document receiver.

DESCRIPTION OF DRAWING(S) - A block diagram of a computer work station environment in which the proposal can be carried out is given.

Single user computer workstation (10)

Microprocessor (12)

Bus (14)

User interface-adapter (16)

Keyboard (18)

Mouse (20)

Interface devices (22)

Display device (24)

Display adapter (26)

Memory (28)

Long-term store (30)

pp; 6 DwgNo 1/2

Title Terms: SELECT; DATA; ENCODE; APPLY; STYLE; SHEET; PROCESS; DOCUMENT; ELEMENT; COMPUTER; ENVIRONMENT; CARRY; SELECT; SUPPORT; OBJECT; INPUT; DOCUMENT; ONE; MORE; STYLE; SHEET

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

International Patent Class (Additional): G06F-012/14

File Segment: EPI

14/5/30 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013869717 \*\*Image available\*\*

WPI Acc No: 2001-353929/ 200137

Related WPI Acc No: 2002-215482

XRPX Acc No: N01-257056

**Configuration information providing method in communication network, involves calculating received integrity check information to determine whether data file is altered during transmission**

Patent Assignee: NORTEL NETWORKS LTD (NELE )

Inventor: WHITE G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6233687	B1	20010515	US 9810391	A	19980121	200137 B

Priority Applications (No Type Date): US 9810391 A 19980121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6233687	B1	14	G06F-011/30	

Abstract (Basic): US 6233687 B1

NOVELTY - A data file together with pair of integrity check information is received at cable modems (104A-104Z). One of the check information is computed using multiple parameters of the data file. Another integrity check information is **computed** using any one of multiple **parameters** of data file, secret **key** and **former** integrity check information. The received data files are checked to determine whether the file is altered during transmission.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Data file receiving device;

(b) Provisioning system

USE - Used for providing configuration between cable modem and provisional server in communication network such as internet, public switched telephone network (PSTN), cable network.

ADVANTAGE - The recalculating of integrity check is not particularly difficult, since it is calculated based on information which is transmitted through insecure channel using standard algorithm.

DESCRIPTION OF DRAWING(S) - The figure shows overall diagram of cable modem network.

Cable modems (104A-104Z)

pp; 14 DwgNo 1/8

Title Terms: CONFIGURATION; INFORMATION; METHOD; COMMUNICATE; NETWORK; CALCULATE; RECEIVE; INTEGRITY; CHECK; INFORMATION; DETERMINE; DATA; FILE; ALTER; TRANSMISSION

Derwent Class: T01

International Patent Class (Main): G06F-011/30

International Patent Class (Additional): G06F-012/14

File Segment: EPI

14/5/31 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013793843 \*\*Image available\*\*

WPI Acc No: 2001-278054/ 200129

XRPX Acc No: N01-199201

Encryption communication system for internet, generates encryption key based on file information with file attributes such as session data, user's ID, communication session time, capacity of text file and file name

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001060944	A	20010306	JP 99236763	A	19990824	200129 B

Priority Applications (No Type Date): JP 99236763 A 19990824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001060944	A		8 H04L-009/08	

Abstract (Basic): JP 2001060944 A

NOVELTY - Encryption communication system performs encryption and decoding of text file using identical master key. File information consists of file attributes such as session information, user's ID, communication session time, capacity of text file and file name. Encryption keys (108,109) are delivered with mail as desired and specified by the system, based on file information.

USE - For internet communication.

ADVANTAGE - Pre set-up of disclosure key, management of disclosure key, secret key, and a key registration center is made unnecessary and security is enhanced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of encryption communication system. (Drawing includes non-English language text).

Encryption keys (108,109)

pp; 8 DwgNo 1/3

Title Terms: ENCRYPTION; COMMUNICATE; SYSTEM; GENERATE; ENCRYPTION; KEY; BASED; FILE; INFORMATION; FILE; ATTRIBUTE; SESSION; DATA; USER; ID; COMMUNICATE; SESSION; TIME; CAPACITY; TEXT; FILE; FILE; NAME

Derwent Class: P85; T01; W01

International Patent Class (Main): H04L-009/08

International Patent Class (Additional): G06F-013/00; G09C-001/00

File Segment: EPI; EngPI

17/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015802008 \*\*Image available\*\*  
WPI Acc No: 2003-864211/200380  
Related WPI Acc No: 2003-046357  
XRPX Acc No: N03-689824

**Data file fingerprint identifying method, involves determining if fingerprint matches reference fingerprint in subset based on comparison of reference fingerprint vectors in subset and one feature vector of fingerprint**

Patent Assignee: RICHARDS I (RICH-I)  
Inventor: RICHARDS I  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030191764	A1	20031009	WO 2002US7528	A	20020313	200380 B
			US 2002203073	A	20020806	

Priority Applications (No Type Date): US 2002203073 A 20020806

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030191764 A1 19 G06F-007/00

Abstract (Basic): US 20030191764 A1

NOVELTY - The method involves receiving a fingerprint having a feature vector developed from a data file. A subset of reference fingerprints is determined from a database of the reference fingerprints with a vector developed from the related data files. The fingerprint is checked whether it matches with one of the reference fingerprints based on a comparison of the reference fingerprint vectors and a vector of the fingerprints.

USE - Used for identifying fingerprints representing acoustic properties of audio signal corresponding to file.

ADVANTAGE - The method allows a database to be updated in the case of a new audio file by storing its features and by generating a new unique identifier for the new file. The label used for the work is automatically updated if it appears to be in error.

DESCRIPTION OF DRAWING(S) - The drawing shows a logic flow diagram of a method for identifying digital files.

pp; 19 DwgNo 1/15

Title Terms: DATA; FILE; FINGERPRINT; IDENTIFY; METHOD; DETERMINE;  
FINGERPRINT; MATCH; REFERENCE; FINGERPRINT; SUBSET; BASED; COMPARE;  
REFERENCE; FINGERPRINT; VECTOR; SUBSET; ONE; FEATURE; VECTOR; FINGERPRINT  
Derwent Class: T01; T04; W04  
International Patent Class (Main): G06F-007/00  
File Segment: EPI

17/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015179173 \*\*Image available\*\*  
WPI Acc No: 2003-239703/200323  
XRPX Acc No: N03-190876

**Recorder has generator which divides attribute information of generated file into fixed and variable data length information, correlates and assigns divided information items into different file areas**

Patent Assignee: SONY CORP (SONY )  
Inventor: ARIDOME K; HIRABAYASHI M; ISHIZAKA T  
Number of Countries: 028 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200315098	A1	20030220	WO 2002JP7621	A	20020726	200323 B
JP 2003059236	A	20030228	JP 2001240243	A	20010808	200325
CN 1473334	A	20040204	CN 2002802913	A	20020726	200427
EP 1416489	A1	20040506	EP 2002753207	A	20020726	200430

WO 2002JP7621 A 20020726  
KR 2004021568 A 20040310 KR 2003704902 A 20030407 200444

Priority Applications (No Type Date): JP 2001240243 A 20010808  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200315098 A1 J 59 G11B-027/00  
Designated States (National): CN KR US  
Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
IE IT LU MC NL PT SE SK TR  
JP 2003059236 A 20 G11B-027/00  
CN 1473334 A G11B-027/00  
EP 1416489 A1 E G11B-027/00 Based on patent WO 200315098  
Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
IE IT LI LU MC NL PT SE SK TR  
KR 2004021568 A G11B-027/10

Abstract (Basic): WO 200315098 A1

NOVELTY - A **generator** (15) **generates** an index file (IF) containing areas assigned with **unique identifier**. The **generator** divides **file attribute** information to fixed and variable data length, correlates and assigns divided information items into different file areas, as fixed and variable data length area groups. The recorder records IF information to a recording medium.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) file index information recording method; and
- (2) recorded medium storing file index information.

USE - For recording file index information.

ADVANTAGE - None given.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the recorder. (Drawing includes non-English language text).

file generator (15)

pp; 59 DwgNo 1/12

Title Terms: RECORD; GENERATOR; DIVIDE; ATTRIBUTE; INFORMATION; GENERATE; FILE; FIX; VARIABLE; DATA; LENGTH; INFORMATION; CORRELATE; ASSIGN; DIVIDE; INFORMATION; ITEM; FILE; AREA

Derwent Class: T01; W04

International Patent Class (Main): G11B-027/00; G11B-027/10

International Patent Class (Additional): G06F-012/00; G11B-020/10;

G11B-020/12; H04N-005/225; H04N-005/76; H04N-005/91

File Segment: EPI

17/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013966984 \*\*Image available\*\*

WPI Acc No: 2001-451198/200148

XRPX Acc No: N01-334095

**Document managing method involves creating and storing document profile and generating unique identifier having portion including attribute descriptive information and portion including automatically generated number**

Patent Assignee: BENDIK M M (BEND-I)

Inventor: BENDIK M M

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200114984	A1	20010301	WO 2000US22646	A	20000818	200148 B
AU 200067834	A	20010319	AU 200067834	A	20000818	200148
US 20020002563	A1	20020103	US 99378785	A	19990823	200207
US 20020046224	A1	20020418	US 99378785	A	19990823	200228
			US 200127879	A	20011221	

Priority Applications (No Type Date): US 99378785 A 19990823; US 200127879 A 20011221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200114984 A1 E 76 G06F-015/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067834 A G06F-015/00 Based on patent WO 200114984

US 20020002563 A1 G06F-015/00

US 20020046224 A1 G06F-015/00 Cont of application US 99378785

Abstract (Basic): WO 200114984 A1

NOVELTY - Document profile including fields of attributes of the document is created and stored and a unique identifier is generated for the document. Unique identifier is equipped with a portion including information describing the attribute of the document and a portion including an automatically generated number.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the computer implemented document management system.

USE - In computer network.

ADVANTAGE - Does not need to perform length searches in large database and enables to create e-mail without having to exit the document management system and switch to e-mail program. Facilitates access to information through a browser without additional hardware or software. Simplifies hardware requirements and ensures compliance with company policy and consistent formatting in generating documents. Allows linking of document profile with other types of documents or files. Passes the unique document identifier, title and author to the external application automatically and allows 32 bit applications to be integrated into the system.

DESCRIPTION OF DRAWING(S) - The figure illustrates the structure of the document management system.

pp; 76 DwgNo 2/9

Title Terms: DOCUMENT; MANAGE; METHOD; STORAGE; DOCUMENT; PROFILE; GENERATE  
; UNIQUE; IDENTIFY; PORTION; ATTRIBUTE; DESCRIBE; INFORMATION; PORTION;  
AUTOMATIC; GENERATE; NUMBER

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

17/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013905136 \*\*Image available\*\*

WPI Acc No: 2001-389349/200141

XRPX Acc No: N01-286367

Named annotated text string database searching method for e.g. biological sequence databases, involves generating index file, so that each entry in index file contains length and offset for each database element

Patent Assignee: NANOGEN INC (NANO-N)

Inventor: BUTLER B F; MACKE T J; O'CONNELL J P; BUTLER W F

Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200070502	A1	20001123	WO 2000US12592	A	20000509	200141 B
AU 200049952	A	20001205	AU 200049952	A	20000509	200141
US 6249784	B1	20010619	US 99315592	A	19990519	200142

Priority Applications (No Type Date): US 99315592 A 19990519

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200070502 A1 E 70 G06F-017/30

Designated States (National): AU BR CA CN JP KR NZ

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE  
AU 200049952 A G06F-017/30 Based on patent WO 200070502  
US 6249784 B1 G06F-017/30

Abstract (Basic): WO 200070502 A1

NOVELTY - A parsed skeleton file corresponding to each database file is **generated**, so that each entry in the parsed skeleton file corresponds to each database **element** provided with **unique ID**. Each skeleton file contains a length and an offset for each searchable object within a predetermined database element.

DETAILED DESCRIPTION - An index file corresponding to each database file is formed, so that each entry in the index file consists of an offset and length for each database element and an offset and length of corresponding entry in the parsed skeleton file.

USE - For e.g. biological sequence database such as genetic sequence database or Gen bank.

ADVANTAGE - Performs in context database searches on named annotated text string databases.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of search module.

pp; 70 DwgNo 2/19

Title Terms: NAME; TEXT; STRING; DATABASE; SEARCH; METHOD; BIOLOGICAL; SEQUENCE; GENERATE; INDEX; FILE; SO; ENTER; INDEX; FILE; CONTAIN; LENGTH; OFFSET; DATABASE; ELEMENT

Derwent Class: S05; T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

17/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009416252 \*\*Image available\*\*  
WPI Acc No: 1993-109764/199314  
XRPX Acc No: N93-083652

**Data processing system with random access rendering of electronic documents - uses descriptive mark-up elements, each defining node or element of tree structure for document, and provides unique identifier for each element to facilitate text handling**  
Patent Assignee: DEROSE S (DERO-I); ELECTRONIC BOOK TECHNOLOGIES INC (ELBO-N); INSO PROVIDENCE CORP (INSO-N); ENIGMA INFORMATION SYSTEMS LTD (ENIG-N)

Inventor: DEROSE S; VOGEL J

Number of Countries: 002 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2048039	A	19930120	CA 2048039	A	19910729	199314	B
US 5557722	A	19960917	US 91733204	A	19910719	199643	
			US 95419051	A	19950407		
US 5644776	A	19970701	US 91733204	A	19910719	199732	
			US 95419051	A	19950407		
			US 95480611	A	19950607		
US 5708806	A	19980113	US 91733204	A	19910719	199809	
			US 95419051	A	19950407		
			US 95488547	A	19950607		
US 5983248	A	19991109	US 91733204	A	19910719	199954	
			US 95419051	A	19950407		
			US 95480611	A	19950607		
			US 97885578	A	19970630		
US 6101511	A	20000808	US 91733204	A	19910719	200040	
			US 95419051	A	19950407		
			US 95480611	A	19950607		
			US 97885578	A	19970630		
			US 99352588	A	19990713		
US 6101512	A	20000808	US 91733204	A	19910719	200040	
			US 95419051	A	19950407		
			US 95480611	A	19950607		



			US 97885578	A	19970630	
			US 99353257	A	19990713	
US 6105044	A	20000815	US 91733204	A	19910719	200041
			US 95419051	A	19950407	
			US 95480611	A	19950607	
			US 97885578	A	19970630	
			US 99353262	A	19990713	

Priority Applications (No Type Date): US 91733204 A 19910719; US 95419051 A 19950407; US 95480611 A 19950607; US 95488547 A 19950607; US 97885578 A 19970630; US 99352588 A 19990713; US 99353257 A 19990713; US 99353262 A 19990713

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2048039	A		96	G06F-009/00	
US 5557722	A		39	G06F-017/21	Cont of application US 91733204
US 5644776	A		37	G06F-017/21	Cont of application US 91733204 Div ex application US 95419051 Div ex patent US 5557722
US 5708806	A		39	G06F-017/21	Cont of application US 91733204 Div ex application US 95419051
US 5983248	A			G06F-017/21	Cont of application US 91733204 Div ex application US 95419051 Cont of application US 95480611 Div ex patent US 5557722 Cont of patent US 5644776
US 6101511	A			G06F-017/21	Cont of application US 91733204 Div ex application US 95419051 Cont of application US 95480611 Div ex application US 97885578 Div ex patent US 5557722 Cont of patent US 5644776 Div ex patent US 5983248
US 6101512	A			G06F-017/21	Cont of application US 91733204 Div ex application US 95419051 Cont of application US 95480611 Div ex application US 97885578 Div ex patent US 5557722 Cont of patent US 5644776 Div ex patent US 5983248
US 6105044	A			G06F-017/21	Cont of application US 91733204 Div ex application US 95419051 Cont of application US 95480611 Div ex application US 97885578 Div ex patent US 5557722 Cont of patent US 5644776 Div ex patent US 5983248

Abstract (Basic): CA 2048039 A

The data processing system represents an electronic document, which has descriptive mark-up defining a number of hierarchical mark-up elements, each element having a type name and may have at least one of a parent element, a child element, a left sibling element, a right sibling element, text content and a type name. The data processing system includes storage which holds a value indicative of any parent element for each mark-up element and storage for a value indicative of at least the first child element for each mark-up element having a child element.

Additional storage is respectively provided at a value indicative of at least one sibling element. The document text, and a value indicating the text storage location. A parsing device provides a sequence of parsing events including element and text events corresp. to mark-up and text content respectively, with each event being assigned an identifier.

USE/ADVANTAGE - for rendering and indexing of electronic books. Creates text separate from formatting properties. Allows selective re-formatting of parts of document. Provides immediate document display.

20/5/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011429558 \*\*Image available\*\*

WPI Acc No: 1997-407465/199738

XRFX Acc No: N97-338887

**File encipherment system used in computer network - has secret key  
encipherment unit which produces secret key using correspondence key,  
used to decode encrypted file**

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9179768	A	19970711	JP 95333370	A	19951221	199738 B

Priority Applications (No Type Date): JP 95333370 A 19951221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9179768	A	13		

Abstract (Basic): JP 9179768 A

The system **includes** a server appts which **generates** a secret **key** corresponding to a changing encrypted **file name** using a secret **key formation** unit (1240). An identification ID table (1210) receives request side inherent ID and outputs a request side correspondence key. Based on the secret key and the correspondence, the encryption technique is changed in an encipherment unit (1230).

A controller (1220) is provided to send the secret key to a computer through a communication network. The computer stores the correspondence key in a correspondence key memory unit (1310). A secret key encipherment unit (1130) performs decoding of file relating secret key using the correspondence key. Using the secret key, decoding of encrypted file is performed.

ADVANTAGE - Ensures high confidentiality.

Dwg.1/3

Title Terms: FILE; SYSTEM; COMPUTER; NETWORK; SECRET; KEY; UNIT; PRODUCE;

SECRET; KEY; CORRESPOND; KEY; DECODE; ENCRYPTION; FILE

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-012/14; G09C-001/00;

H04L-009/16

File Segment: EPI; EngPI

20/5/9 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010755599 \*\*Image available\*\*

WPI Acc No: 1996-252554/199626

XRFX Acc No: N96-212250

**Electronic image memory and recall systems for documents, such as cheques  
- transmitting request for document image along communications line to  
memory, searching for required image and receiving found image**

Patent Assignee: CHASE MANHATTAN BANK NA (CHAS-N); CHASE MANHATTAN BANK (CHAS-N)

Inventor: CAHILL T; GOLDFISHER S; KOROTEYEV V; LEVINE G; MCMONAGLE J J;

MCNULTY L A; SFERRA R H; WILSON P

Number of Countries: 007 Number of Patents: 024

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19542842	A1	19960523	DE 1042842	A	19951117	199626 B
AU 9537934	A	19960523	AU 9537934	A	19951117	199628
GB 2296117	A	19960619	GB 9523734	A	19951120	199628
CA 2163280	A	19960519	CA 2163280	A	19951120	199638
SG 33584	A1	19961018	SG 951802	A	19951110	199649
GB 2305752	A	19970416	GB 9523734	A	19951120	199719

AU 718390 B G06F-017/30 Div ex application AU 9537934  
 Div ex patent AU 700010  
 Previous Publ. patent AU 9920363  
 US 6181837 B1 G06K-009/54  
 US 6574377 B1 G06K-009/54 Cont of application US 94342265  
 Cont of patent US 6181837

Abstract (Basic): DE 19542842 A

At least one user's interface equipment is connected by a communications line or path with the electronic memory equipment. A request for a document image is placed in the interface equipment and transmitted along the communications line to the memory equipment. This is searched for the required picture and recalled or an indication can be dispatched that the picture cannot be found.

The picture, if found, is stored as electronic data for transmission to the user's interface equipment, where it can be stored or displayed on a monitor.

USE - Suitable for commercial application. Supplies copies of documents (e.g. cheques) to customers.

Dwg.5/29

Title Terms: ELECTRONIC; IMAGE; MEMORY; RECALL; SYSTEM; DOCUMENT; CHEQUE; TRANSMIT; REQUEST; DOCUMENT; IMAGE; COMMUNICATE; LINE; MEMORY; SEARCH; REQUIRE; IMAGE; RECEIVE; FOUND; IMAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/30; G06F-017/40; G06K-009/03; G06K-009/54; G06T-000/00; G07F-019/00

International Patent Class (Additional): G06F-017/60; G06F-157-00; H04N-000/00

File Segment: EPI

20/5/10 (Item 7 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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007303535

WPI Acc No: 1987-300542/198743

XRPX Acc No: N87-224522

**Word processor with document management system - automatically produces title of untitled document in response to command**

Patent Assignee: MINOLTA CAMERA KK (MIOC )

Inventor: IZUHARA K

Number of Countries: 004 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 242857	A	19871028	EP 87105856	A	19870422	198743 B
US 4841472	A	19890620	US 8738336	A	19870414	198931

Priority Applications (No Type Date): JP 86181432 A 19860731; JP 8694298 A 19860422

Cited Patents: A3...8830; DE 3418410; DE 3421919; EP 163503; EP 204147; No-SR.Pub

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
EP 242857	A	E	54		

Designated States (Regional): DE FR GB

US 4841472	A	25
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Abstract (Basic): EP 242857 A

The word processor includes a document management system for inputting, in accordance with an input signal from a keyboard, data to an area located at a given position of a recording medium, for outputting data stored in the recording medium to a screen display device and for allowing a document producer to store the data of a document under processing if the document is decided to have a title. The document management data stored in the medium includes titles of documents stored in the medium and access data for files corresp. to those documents.

The keyboard **includes** a **key** for giving a command of automatic **production** of a **title** of the untitled **document** to the document management system. The latter includes a title procuder which operates when any alphanumeric characters are entered by a user.

1/15

File 348:EUROPEAN PATENTS 1978-2005/Jan W03

(c) 2005 European Patent Office

File 349:PCT Fulltext 1979-2002/UB=20050120,UT=20050113

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	176181	KEY? ?
S2	23058	UNIQUE() (ID OR IDENTIFIER? ? OR IDENTIFICATION) OR UID OR - GUID
S3	8970	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES) (5N) (FILE? ? OR DO- CUMENT? ?)
S4	27091	(CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ?) (5N) (FILE? ? OR DOCUMENT? ?)
S5	18213	FILENAME? ? OR FILE()NAME? ? OR (NAME OR TITLE) (3N) DOCUMEN- T? ? OR (SIZE OR LENGTH) (3N) (FILE? ? OR DOCUMENT? ?)
S6	27	(DERIV??? OR DERIVATION) (7N) S1:S2 (7N) S3:S5
S7	8688	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ? OR S5) (7N) (ENCOD??? OR INSERT??? OR ADD??? OR INCLUD??? OR INCOR- PORAT???) (7N) S1:S2
S8	3	S6 (50N) S7
S9	27	S6 OR S8
S10	24	S9 AND AC=US/PR
S11	22	S10 AND AY=(1970:2002)/PR
S12	20	S9 AND PY=1970:2002
S13	23	S11:S12
S14	124	S1:S2 (7N) S3 (7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR FAS- HION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR P- RODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMPU- TED OR COMPUTING OR CALCULA? OR DEFIN???)
S15	440	S1:S2 (7N) S4:S5 (7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR - FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COM- PUTED OR COMPUTING OR CALCULA? OR DEFIN???)
S16	130	S7 (50N) S14:S15
S17	96	S16 AND IC=G06F
S18	876	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ? OR S5) (7N) ENCOD??? (7N) S1:S2
S19	11	S16 (50N) S18
S20	12	S14:S15 (50N) S18
S21	3378	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ? OR S5) (7N) (INSERT??? OR ADD??? OR INCORPORAT???) (7N) S1:S2
S22	45	S21 (50N) S14:S15
S23	39	S22 NOT S20
S24	28	S23 AND AC=US/PR
S25	27	S24 AND AY=(1970:2002)/PR
S26	32	S23 AND PY=1970:2002
S27	37	S25:S26

13/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01531987

**On-disk file format for a serverless distributed file system**  
**Festplatten-Dateiformat für ein serverloses verteiltes Dateisystem**  
**Un format de fichiers sur disque pour système de fichiers distribué de type serverless**

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington  
98052-6399, (US), (Applicant designated States: all)

INVENTOR:

Bolosky, William J., 24622 SE Mirrormont Drive, Issaquah, Washington  
98027, (US)

Cermak, Gerald, 8909 NE 141st Street, Bothell, Washington 98011, (US)

Adya, Atul, 14404 NE 36th Street, Apt. 0-4, Bellevue, Washington 98007,  
(US)

Couceur, John C., 14705 NE 16th Street, Bellevue, Washington 98007, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 München, (DE)

PATENT (CC, No, Kind, Date): EP 1278113 A2 030122 (Basic)

EP 1278113 A3 031119

APPLICATION (CC, No, Date): EP 2002005454 020308;

PRIORITY (CC, No, Date): US 814259 010321

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-001/00

ABSTRACT WORD COUNT: 234

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200304	4603
SPEC A	(English)	200304	13533
Total word count - document A			18136
Total word count - document B			0
Total word count - documents A + B			18136

...SPECIFICATION and the associated encrypted key segment contains the key data in the clear.

Each entry in the **key** list 700 has the following format:

The content of the EncryptedKeyBlob field depends on the **size** of the **file**. If the file is one page or less in size, the field contains the **key derived** from the hash of the cleartext of the file, encrypted with

13/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01349046

**System and method for handling files in a distributed data storage environment**

**System und Methode zum Umgehen mit Dateien in einer verteilten Datenspeicherumgebung**

**Système et procédé de gestion de fichiers dans un environnement de stockage distribué**

PATENT ASSIGNEE:

International Business Machines Corporation, (200128), New Orchard Road,  
Armonk, NY 10504, (US), (Applicant designated States: all)

INVENTOR:

Cannon, David M., IBM UK Ltd., Int.Prop.Law, MP 110, Hursley Park,  
Hursley, Winchester, Hampshire SO21 2JN, (GB)

Dawson, Colin S., IBM UK Ltd., Int.Prop.Law, MP 110, Hursley Park,  
Hursley, Winchester, Hampshire SO21 2JN, (GB)  
Haye, Mark A., IBM UK Ltd., Int.Prop.Law, MP 110, Hursley Park, Hursley,  
Winchester, Hampshire SO21 2JN, (GB)  
Smith, James P., IBM UK Ltd., Int.Prop.Law, MP 110, Hursley Park,  
Hursley, Winchester, Hampshire SO21 2JN, (GB)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52153), IBM United Kingdom Limited, Intellectual  
Property Law, MP 110, Hursley Park, Hursley, Winchester, Hampshire SO21  
2JN, (GB)

PATENT (CC, No, Kind, Date): EP 1152352 A2 011107 (Basic)

APPLICATION (CC, No, Date): EP 2001000121 010420;

PRIORITY (CC, No, Date): US 561252 000427

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 163

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200145	748
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SPEC A	(English)	200145	6954
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Total word count - document A	7702
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Total word count - document B	0
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Total word count - documents A + B	7702
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...SPECIFICATION the contents of the base files and may be configured to  
generate tokens comprising two components, a **file** identifier comprising  
**attributes** of a base **file** and an identification **key** **derived** from  
the contents of a base file.

The preferred embodiment of the invention also encompasses a data...

...storage site. The token uniquely identifies the base file and may be  
comprised of two components, a **file** identifier comprising **attributes**  
of the base **file** and an identification **key** **derived** from the  
contents of the base file. A copy of the base file is then passed from...

...the primary storage site, the token uniquely identifying the base file  
and comprised of two components, a **file** identifier comprising  
**attributes** of the base **file** and an identification **key** **derived** from  
the contents of the base file; passing a copy of the base file from the  
primary...

...CLAIMS base file.

5. The method of claim 4, wherein the token is comprised of two  
components, a **file** identifier comprising **attributes** of the base  
**file** and an identification **key** **derived** from the contents of the  
base file.

6. The method of any of claims 2 to 5...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00879910

INFORMATION PROCESSOR, FILE NAME CHANGING METHOD AND RECORDING MEDIUM ON  
WHICH FILE NAME CHANGING PROGRAM IS STORED

INFORMATIONSPROZESSOR, VERÄNDERUNGSVERFAHREN FÜR DATEINAMEN UND  
AUFZEICHNUNGSMEDIUM AUF DEM EIN PROGRAMM ZUR VERÄNDERUNG VON DATEINAMEN  
GESPEICHERT IST

PROCESSEUR D'INFORMATIONS, PROCÉDE DE MODIFICATION DE NOMS DE FICHIERS, ET  
SUPPORT D'ENREGISTREMENT SUR LEQUEL UN PROGRAMME DE CHANGEMENT DE NOM  
DE FICHIER EST

PATENT ASSIGNEE:

SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo 141, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

INOKUCHI, Tatsuya, Sony Corporation 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku Tokyo 141, (JP)

UDAGAWA, Osamu, Sony Corporation 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku Tokyo 141, (JP)

KANEKO, Yasuyoshi, Sony Corporation 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku Tokyo 141, (JP)

TAIRA, Kazuhisa, Sony Corporation 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku Tokyo 141, (JP)

LEGAL REPRESENTATIVE:

Melzer, Wolfgang, Dipl.-Ing. (8278), Patentanwalte Mitscherlich &  
Partner, Sonnenstrasse 33, 80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 821309 A1 980128 (Basic)

WO 9729426 970814

APPLICATION (CC, No, Date): EP 97902622 970207; WO 97JP321 970207

PRIORITY (CC, No, Date): JP 9648211 960209

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-012/00;

ABSTRACT WORD COUNT: 134

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9805	2342
SPEC A	(English)	9805	20484
Total word count - document A			22826
Total word count - document B			0
Total word count - documents A + B			22826

...SPECIFICATION the search key may be given by a generator polynomial  
expressed by the following equation:

The search **key** CRC is set as shown in Fig. 43. In this case, a **file**  
**name derived** after converting Object Name, for example,  
"Abcd#123.efg" is "ABCD(underscore)123(underscore)EFG", where a...

...result, the search key CRC using a cyclic code is "0xde7e". As described  
above, quite different search **keys** CRCs are **derived** even from similar  
**file names**, so that a **file name** can be searched easily.

Further, the search **keys** CRCs are made commonly usable on a plurality  
of operating systems OSs to eliminate the need for...



27/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01504244

**DATA ACCESS MANAGEMENT SYSTEM AND MANAGEMENT METHOD USING ACCESS CONTROL  
TICKET**

**DATENZUGRIFFSMANAGEMENTSYSTEM UND MANAGEMENTVERFAHREN MIT EINEM  
ZUGRIFFSSTEUERTICKET**

**SYSTEME DE GESTION D'ACCES AUX DONNEES ET PROCEDE DE GESTION UTILISANT UN  
BILLET DE COMMANDE D'ACCES**

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

YOSHINO, Kenji, c/o Sony Corporation, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)

Ishibashi, Yoshihito, c/o Sony Corporation, 7-35, K itashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)

SHIRAI, Taizo, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)

TAKADA, Masayuki, c/o Sony Corporation, 7-35, Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Robinson, Nigel Alexander Julian et al (69551), D. Young & Co., 21 New  
Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1303075 A1 030416 (Basic)

WO 2002076013 020926

APPLICATION (CC, No, Date): EP 2002702791 020307; WO 2002JP2113 020307

PRIORITY (CC, No, Date): JP 200173353 010315

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-009/00; G09C-001/00; G06F-012/14;

G06F-015/00; G06F-017/60; G06F-019/00; G06F-017/00; G06K-019/00

ABSTRACT WORD COUNT: 137

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200316	8394
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SPEC A	(English)	200316	79434
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Total word count - document A	87828
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Total word count - document B	0
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Total word count - documents A + B	87828
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...SPECIFICATION IEC9798-2).

After successfully performing the mutual authentication, the R/W  
encrypts the data structure, the data **size**, the access method, and the  
access authentication **key** by using a session **key**, **adds** a  
data-checking MAC (Message Authentication Code) value if necessary, and  
sends the command to the secure...

27/3,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00979590

**Document marker and reader**

**Dokumentenleser/-schreiber**

**Lecteur/enregistreur de documents**

PATENT ASSIGNEE:

Telefonica, S.A., (2621990), Gran Via, 28, 28013 Madrid, (ES), (Applicant  
designated States: all)

INVENTOR:

Hernandez-Gil Gomez, Jose Felix, General Peron, 40, 28020 Madrid, (ES)

Lopez Munoz, Joaquin Maria, General Peron, 40, 28020 Madrid, (ES)  
LEGAL REPRESENTATIVE:

Sanchez del Campo Gonzalez de Ubierna, Ramon et al (153331), c/o  
Ballestero y Cia. S.L., Velazquez, 87-1.o Dcha, 28006 Madrid, (ES)  
PATENT (CC, No, Kind, Date): EP 887764 A2 981230 (Basic)  
EP 887764 A3 010912

APPLICATION (CC, No, Date): EP 98500037 980209;  
PRIORITY (CC, No, Date): ES 971428 970627  
DESIGNATED STATES: CH; DE; DK; FR; GB; GR; IT; LI; PT  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06K-017/00; H04N-001/32; G06T-001/00  
ABSTRACT WORD COUNT: 139  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Spanish  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9853	536
SPEC A	(English)	9853	3654
Total word count - document A			4190
Total word count - document B			0 /
Total word count - documents A + B			4190

...SPECIFICATION definite way, the new document marker and reader of the invention is basically composed of a marker **element** and a reader **element**, the marker **element** - being a tool taking the original **document**, **inserts** a label having adequate **properties**, that is to say, invisible and offering a hard alteration, using a secret **key**, so **producing** a new document ready to be distributed.

Said document, after being handled by users, may arrive degraded...

27/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00867323

Secure software distribution system and software utilization scheme  
Gesichertes Software-Verteilungssystem und Software-Verwendungsschema  
Systeme de distribution de logiciels et schema d'utilisation de logiciels  
securise

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (Applicant designated  
States: all)

INVENTOR:

Takahashi, Toshinari, 3-20-17-702, Ikegami, Oota-ku, Tokyo, (JP)  
Nogami, Hiroyasu, 1-3-G105, Gamariyaminami, Kanazawa-ku, Yokohama-shi,  
Kanagawa, (JP)

LEGAL REPRESENTATIVE:

Zangs, Rainer E., Dipl.-Ing. et al (72561), Hoffmann Eitle, Patent- und  
Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 795809 A2 970917 (Basic)  
EP 795809 A3 030813

APPLICATION (CC, No, Date): EP 97104050 970311;

PRIORITY (CC, No, Date): JP 9653407 960311

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT WORD COUNT: 128

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W2	1473
SPEC A	(English)	9709W2	15559

Total word count - document A . 17032  
Total word count - document B 0  
Total word count - documents A + B 17032

...SPECIFICATION software first decrypts the encrypted shared key 461 stored in the key file 452 by using the **product** ID 467, and decrypts the encrypted passive function file by using the decrypted shared **key** 461, and then **incorporates** the decrypted passive function **file** into itself.

Now, the **features** of the software **product** to be downloaded in the software distribution system of this second embodiment will be described with reference...

27/3,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00332522

**DATA PROCESSING APPARATUS AND EDITING APPARATUS USING THE SAME.**  
**DATENVERARBEITUNGSANORDNUNG UND DAMIT AUSGERUSTETES AUSGABEGERAT.**  
**SYSTEME DE TRAITEMENT DE DONNEES ET DISPOSITIF D'EDITION L'UTILISANT.**  
PATENT ASSIGNEE:

HONDA GIKEN KOGYO KABUSHIKI KAISHA, (237837), 1-1, Minami-Aoyama 2-chome, Minato-ku Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

MIYOSHI, Akito, 244-14, Kamihiroya Tsurugashima-machi, Iruma-gun Saitama 350-02, (JP)

TERAI, Hiromitsu, 2898-13-206, Ishii Sakado-shi, Saitama 350-02, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner  
Patentanwalte Arabellastrasse 4, D-8000 Munchen 81, (DE)

PATENT (CC, No, Kind, Date): EP 351433 A1 900124 (Basic)

EP 351433 A1 901003

WO 8902117 890309

APPLICATION (CC, No, Date): EP 88907381 880822; WO 88JP830 880822

PRIORITY (CC, No, Date): JP 87209776 870824; JP 87209777 870824; JP

87216231 870828; JP 87216232 870828; JP 87216235 870828; JP 87239679

870924; JP 87239680 870924; JP 87250497 871002; JP 87258293 871015; JP

87258294 871015; JP 87258295 871015; JP 87258296 871015

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-007/28; G06F-015/20; G06F-015/40;

ABSTRACT WORD COUNT: 249

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF1	2145
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SPEC A	(English)	EPABF1	28236
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Total word count - document A	30381
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Total word count - document B	0
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Total word count - documents A + B	30381
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...SPECIFICATION therefore, brings about an operational effect of facilitating the work of editing.

This invention is characterized by **adding** a simplified **element** data **key** (temporary **key**) to the various **element** data such as **documents**, illustrations, and photographs **forming** one page when such element data are to be newly input.

As the result, the element data...

27/3,K/9 (Item 9 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00332505

**DOCUMENT PROCESSING SYSTEM.**

DOKUMENTENVERARBEITUNGSANORDNUNG.  
SYSTEME DE TRAITEMENT DE DOCUMENTS.

PATENT ASSIGNEE:

HONDA GIKEN KOGYO KABUSHIKI KAISHA, (237837), 1-1, 2-chome Minami-Aoyama,  
Minato-ku Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

MIYOSHI, Akito, 244-14, Kamihiroya Tsurugashima-machi, Iruma-gun Saitama  
350-02, (JP)

TERAI, Hiromitsu, 2898-13-206, Ishii, Sakado-shi Saitama 350-02, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner,  
Patentanwalte, Postfach 81 04 20, D-81904 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 328684 A1 890823 (Basic)

EP 328684 A1 900214

EP 328684 B1 940518

WO 8902116 890309

APPLICATION (CC, No, Date): EP 88907362 880817; WO 88JP810 880817

PRIORITY (CC, No, Date): JP 87216231 870828; JP 87258292 871015

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/20; G06F-015/40;

ABSTRACT WORD COUNT: 159

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	477
CLAIMS B	(German)	EPBBF1	406
CLAIMS B	(French)	EPBBF1	571
SPEC B	(English)	EPBBF1	18449
Total word count - document A			0
Total word count - document B			19903
Total word count - documents A + B			19903

...SPECIFICATION in COMPUTER, Vol. 17, No. 11, November, 1984, pages 42-46,  
IEEE Computer Society, Long Beach, U. S .; J. Schemer et al, entitled  
"The **Genesis** of a Database **Computer** ", a **configuration** of a so  
-called database information **system** is presented. This system is  
interposed between a corporate main frame working together with a  
corporate database...or not the edition of one page is accomplished. If  
not yet the accomplished, then the control **process** is **returned** to the  
step **S33** .

if it **is** judged in the step S33, that the image is not displayed on  
CRT 6, another judgement is made whether or not the document or sentence  
is displayed in a step **S38** .

When the **document** or sentence is displayed, in a step **S39**, the  
**temporary key** (see Fig. 5) is entered by the keyboard 5-1, and the one  
**element** data consisting of the temporary key, LEN of the document data  
to be called up, and the...up document data and document data are  
illustrated in Fig. 17.

As shown in Fig. 17, the **element** data **key** **corresponding** to the  
**document** data is **constructed** of the sentence supervision No. having a  
length of, for instance, 8 bytes; the detailed item code...

...language information having a length of, for example, 2 bytes; and the  
data status (which is automatically **added** by the host **computer** 1)  
**indicative** of a history of the sentence or document data.

The sentence supervision No. is the data to...page data transferred  
from the page memory means 112. Said element data has been overlapped by  
the **element** data newly set on the layout during the editing work, and  
the element data **key** corresponds to the element data. Also, the **second**  
page data setting means **133** **adds** the **element** data newly set on  
the layout **during** the editing work, the **element** data **key**  
corresponding to said **element** data and the positional coordinates of  
said **element** data.

Thus, the edited **or** changed 1-page data is **output** from the second  
page data setting means 133 to the page memory means 112 to be stored...

27/3,K/13 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00971386 \*\*Image available\*\*

**SYSTEM AND METHOD FOR KNOWLEDGE RETRIEVAL, MANAGEMENT, DELIVERY AND PRESENTATION**  
**SYSTEME ET PROCEDE D'EXTRACTION, DE GESTION, DE DISTRIBUTION ET DE PRESENTATION DE CONNAISSANCES**

Patent Applicant/Inventor:

OMOIGUI Nosa, 549 239th Avenue S.E., Sammamish, WA 98074, US, US  
(Residence), US (Nationality)

Legal Representative:

LOWE David A (agent), Black Lowe & Graham, PLLC, 816 2nd Avenue, Seattle, WA 98104, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200301413 A1 20030103 (WO 0301413)

Application: WO 2002US20249 20020624 (PCT/WO US0220249)

Priority Application: US 2001300385 20010622; US 2002360610 20020228

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 72828

Fulltext Availability:

Detailed Description

Detailed Description

... linking and user-controlled navigation and browsing according to a preferred embodiment of the present invention.

DOCUMENTS **INCORPORATED** By REFERENCE

The Appendix attached hereto and referenced herein is **incorporated** by reference.

This Appendix includes exemplar code illustrating a preferred embodiment of the present 1 0 invention...

27/3,K/19 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00826132 \*\*Image available\*\*

**METHOD AND SYSTEM FOR DISTRIBUTING AND COLLECTING SPREADSHEET INFORMATION**  
**PROCEDE ET SYSTEME DE DISTRIBUTION ET DE COLLECTE D'INFORMATIONS DE TABLEUR**

Patent Applicant/Inventor:

RYAN Mark H, 11114 E. Onyx Court, Scottsdale, AZ 85259, US, US  
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KEENEY David A Jr, 8615 South Kenwood Lane, Tempe, AZ 85284, US, US  
(Residence), US (Nationality)

TANNER Ronald J, 4955 E. Preserve Court, Greenwood Villiage, CO 80121, US  
, US (Residence), US (Nationality)

Legal Representative:

ONEY Richard E (agent), Fennemore Craig, 3003 North Central Avenue, Suite 2600, Phoenix, AZ 85012-2913, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159675 A1 20010816 (WO 0159675)

Application: WO 2001US4411 20010210 (PCT/WO US0104411)  
Priority Application: US 2000181725 20000211  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16213

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010816

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... APPENDIX A

NameValue Documentation

Note: All Values are stored at the Workbook level unless otherwise noted in " Created When/By".

Name Example Value Description Purpose Created When/By File

Name can be arbitrarily Mark Ryan Contributor Contains the Key of the  
When you add a Active selected <mark@yahoo.com> contributor for a sheet  
contributor to a Workbook

sheet

Note: Stored...

27/3,K/20 (Item 11 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00818579 \*\*Image available\*\*

SYSTEM AND METHOD FOR TRANSLATING TO AND FROM HIERARCHICAL INFORMATION  
SYSTEMS

SYSTEME ET PROCEDE DE TRANSLATION VERS DES SYSTEMES D'INFORMATION  
HIERARCHIQUES ET A PARTIR DE CEUX-CI

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

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JOSHI Dhananjay M, 318 Park Avenue, Wilmette, IL 60091, US,

PHILLIPS Jay, 2115 N. Cleveland Avenue #2, Chicago, IL 60614, US,

HUDGONS Morrisha, 6030 N. Sheridan Road #811, Chicago, IL 60660, US,

Legal Representative:

RAUCH Paul E (agent), Brinks Hofer Gilson & Lione, P.O. Box 10087,  
Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200152063 A1 20010719 (WO 0152063)

Application: WO 2000US35673 20001229 (PCT/WO US0035673)

Priority Application: US 2000479840 20000107

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 30006

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010719  
Fulltext Availability:  
Detailed Description  
Publication Year: 2001

Detailed Description

```
... format.replace(itil, ' 1').trim());  
// Add remaining table elements  
for (int i=0; i<node.jjtGetNumChildren(); i++)  
    element @ (String[I]node.jjtGetChild(i).jjtAccept(this, null);  
if (table.put( element [0], element [1]) != null)  
101  
rrL  
Ierrors- add (irL- filename , "a table element with key (" +  
    element [0] + "1) has already been defined for this table",  
((SimpleNode)node.jjtGetChild(i)).line, ((SimpleNode)node.jjtGetChild(i)).  
column)  
return null;  
Add table...data)  
throws VisitorException  
String[] stringPair = new String[2];  
stringPair[0] = node.name.replace('1', ' 1').trim(); Key  
stringPair[1] = node. format .replace('1', ' 1').trim(); // Value  
if (stringPair[0].equals("1111"))  
m-Ierrors. add (m. filename , " key value in table element cannot  
be blank (empty string)", node.line, node.column);  
return stringPair;  
return stringPair;  
This method is called...
```

27/3,K/31 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00748798 \*\*Image available\*\*

COLLABORATIVE CREATION, EDITING, REVIEWING, AND SIGNING OF ELECTRONIC  
DOCUMENTS  
CREATION, EDITION, VERIFICATION ET SIGNATURE COLLECTIVES DE DOCUMENTS  
ELECTRONIQUES

Patent Applicant/Assignee:

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Inventor(s):

BROWN Bruce E, 1684 North Sage Hen Road, Orem, UT 84097, US  
ISRAELSEN D Brent, 1426 North Grand View, Provo, UT 84604, US

Legal Representative:

RAUBVOGEL Amir H, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA  
94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062220 A1 20001019 (WO 0062220)  
Application: WO 2000US10066 20000413 (PCT/WO US0010066)  
Priority Application: US 99129283 19990413; US 99129011 19990413; US  
99335443 19990617; US 2000546805 20000411

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA

ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27799

Patent and Priority Information (Country, Number, Date):

Patent: ... 20001019

Fulltext Availability:

Detailed Description

Publication Year: 2000

Detailed Description

... he or she wishes to digitally sign a document. For authentication purposes, the party is asked to **insert** the floppy disk containing the previously **generated** private **key** . If appropriate, the user is asked to specify the **filename** and/or path for the private **key** in field 1201.



File 8: Ei Compendex(R) 1970-2005/Jan W3  
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File 35: Dissertation Abs Online 1861-2004/Dec  
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File 65: Inside Conferences 1993-2005/Jan W4  
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File 2: INSPEC 1969-2005/Jan W3  
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File 94: JICST-EPlus 1985-2005/Dec W3  
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File 483: Newspaper Abs Daily 1986-2005/Jan 22  
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File 144: Pascal 1973-2005/Jan W3  
(c) 2005 INIST/CNRS  
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 34: SciSearch(R) Cited Ref Sci 1990-2005/Jan W4  
(c) 2005 Inst for Sci Info  
File 99: Wilson Appl. Sci & Tech Abs 1983-2004/Nov  
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File 95: TEMA-Technology & Management 1989-2004/Jun W1  
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File 438: Library Lit. & Info. Science 1984-2004/Oct  
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Set	Items	Description
S1	854407	KEY? ?
S2	1819	UNIQUE() (ID OR IDENTIFIER? ? OR IDENTIFICATION) OR UID OR - GUID
S3	3710	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES) (5N) (FILE? ? OR DO- CUMENT? ?)
S4	16827	(CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ?) (5N) (FILE? ? OR DOCUMENT? ?)
S5	5725	FILENAME? ? OR FILE()NAME? ? OR (NAME OR TITLE) (3N) DOCUMEN- T? ? OR (SIZE OR LENGTH) (3N) (FILE? ? OR DOCUMENT? ?)
S6	4	DERIV?(7N)S1:S2(7N)S3:S5
S7	110	S1:S2(7N)S3:S5(7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR - FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COM- PUTED OR COMPUTING OR CALCULA? OR DEFIN???)
S8	13849	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ? OR S5) (7N) (ENCOD??? OR INSERT??? OR ADD??? OR INCLUD??? OR INCOR- PORAT???) (7N)S1:S2
S9	19	S7 AND S8
S10	17	RD (unique items)
S11	16	S10 NOT PY=2003:2005

11/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02638211 E.I. Monthly No: EI8809087496

**Title: ON-LINE MEASUREMENT/CONTROL FOR SUPERCALENDERS: AN UPDATE.**

Author: Henry, Bill

Corporate Source: Process Automation Business of Combustion Engineering,  
Columbus, OH, USA

Source: Pulp & Paper Canada v 89 n 5 May 1988 p 23-24, 27-28

Publication Year: 1988

CODEN: PPCAAA ISSN: 0316-4004

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 8809

Abstract: Because the supercalender traditionally represents the last opportunity to inspect the finished **product**, a number of on-line sensors are used solely to monitor and document **key product characteristics**. These sensors have **included**: basis weight; moisture; color; brightness; opacity; and flaw detection. Other sensors measure and control **key product variables including**: caliper; smoothness; gloss, moisture; temperature; and roll hardness.

Descriptors: \*PAPERMAKING MACHINERY--\*Calenders; SENSORS; PAPERMAKING--Quality Control; PAPER--Sheeting; ACTUATORS

Identifiers: ON-LINE MEASUREMENT; PROFILE CORRELATION

Classification Codes:

811 (Cellulose, Paper & Wood Products); 732 (Control Devices); 913 (Production Planning & Control)

81 (CHEMICAL PROCESS INDUSTRIES); 73 (CONTROL ENGINEERING); 91 (ENGINEERING MANAGEMENT)

11/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02098492 E.I. Monthly No: EIM8606-040354

**Title: FILE SYSTEM OF AN INTEGRATED LOCAL NETWORK.**

Author: Leach, Paul J.; Levine, Paul H.; Hamilton, James A.; Stumpf, Bernard L.

Corporate Source: Apollo Computer Inc, Chelmsford, MA, USA

Conference Title: 1985 ACM Thirteenth Annual Computer Science Conference.

Conference Location: New Orleans, LA, USA Conference Date: 19850312

Sponsor: ACM, New York, NY, USA

E.I. Conference No.: 07113

Source: Publ by ACM, New York, NY, USA p 309-324

Publication Year: 1985

ISBN: 0-89791-150-4

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8606

Abstract: The distributed file system component of the DOMAIN system is described. The DOMAIN system is an architecture for networks of personal workstations and servers which **creates** an integrated distributed **computing** environment. The distinctive **features** of the **file system include**: objects addressed by **unique identifiers** (UIDs); transparent access to objects, regardless of their location in the network; the abstraction of a single level store for accessing all objects; and the layering of a network wide hierarchical name space on top of the UID based flat name space. The design of the facilities is described, with emphasis on techniques used to achieve performance for access to objects over the network. (Author abstract) 33 refs.

Descriptors: \*COMPUTER NETWORKS--\*Local Networks; COMPUTER SYSTEMS, DIGITAL--Distributed; COMPUTER OPERATING SYSTEMS--Storage Allocation

Identifiers: INTEGRATED LOCAL AREA NETWORKS; DISTRIBUTED FILE SYSTEMS; APOLLO DOMAIN OPERATING SYSTEM

Classification Codes:

723 (Computer Software); 718 (Telephone & Line Communications); 722

(Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

11/5/6 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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4691609 INSPEC Abstract Number: C9408-6150E-001

**Title: Pygtools-a library of reusable utilities**

Author(s): Lisle, L.G.

Journal: Forth Dimensions vol.16, no.1 p.37-41

Publication Date: May-June 1994 Country of Publication: USA

CODEN: FODMD5 ISSN: 0884-0822

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Proposes a library structure designed for use with Forth. This package demonstrates the flexibility that comes with using a screen-based disk structure. I wrote this package using Pygmy Forth. Pygtools covers a broad range of tools and utilities. The library has close to 1000 definitions. They cover a wide range of topics including: basic tools, F83 compatibility, double number arithmetic, advanced integer arithmetic, system utilities, advanced terminal I/O, debugging tools and hardware device drivers. There are a couple of CASE structures, a DO...LOOP, secondary stacks, and string handlers. Integer arithmetic functions include: trig, log/sub 2/, x/sup n/, random numbers, interpolations, Julian dates, factoring, and BCD conversion. System utilities **include** : read-only file opening, function **key** translations, DOS environment access, **file attribute** handling, **filename** input and **construction**, and hard copy utilities. I/O **includes** BOX definitions for the screen, calendar functions, time I/O, Soundex, and number output in English. Debugging tools include an advanced decompiler, a single-step utility, a breakpoint function, divide-by-zero protection, extended DOS error display, and a display of all the words that use a given word. There are hardware drivers for the display, joysticks, sound, music, mouse, keyboard, COM ports and timers in both hardware and software. Also included are some experimental words for supporting overlays. (0 Refs)

Subfile: C

Descriptors: digital arithmetic; FORTH; FORTH listings; input-output programs; program debugging; software reusability; subroutines; utility programs

Identifiers: Pygtools; Forth library; reusable utilities; screen-based disk structure; Pygmy Forth; basic tools; F83 compatibility; double number arithmetic; advanced integer arithmetic; system utilities; advanced terminal I/O; debugging tools; hardware device drivers; overlays

Class Codes: C6150E (General utility programs); C5230 (Digital arithmetic methods); C6150G (Diagnostic, testing, debugging and evaluating systems); C6140D (High level languages)

11/5/7 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04103498 INSPEC Abstract Number: C9204-6155-001

**Title: Communications program**

Author(s): Marmion, D.

Journal: Library Software Review vol.10, no.6 p.435-40

Publication Date: Nov.-Dec. 1991 Country of Publication: USA

CODEN: LSREEA ISSN: 0742-5759

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Unicom 2.0 from Data Graphics requires: IBM PC/XT/AT/PS2 or compatible, Hayes compatible modem and Microsoft Windows 2.x or 3.x. Unicom is one of those shareware programs that can be obtained from a BBS or somewhere and be given a good try-out before deciding whether it is any good. Unicom provides a modem setup window for Hayes-compatible modems and it allows the user to **define** certain **keys** on the keyboard. A general

setup window allows user configuration of various **features** , **including** : Unicom window style, **file** editor, default transfer protocol. Unicom also features a utility menu, clipboard transfers, a script language and a script scheduler. (0 Refs)

Subfile: C

Descriptors: computer communications software; graphical user interfaces; IBM computers; microcomputer applications; public domain software; software packages; telecommunications computing

Identifiers: Unicom; Data Graphics; IBM PC/XT/AT/PS2; Hayes compatible modem; Microsoft Windows; shareware programs; BBS; modem setup window; keyboard; general setup window; user configuration; Unicom window style; file editor; default transfer protocol; utility menu; clipboard transfers; script language; script scheduler

Class Codes: C6155 (Computer communications software); C7410F (Communications); C6180G (Graphical user interfaces)

11/5/9 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

00663584 INSPEC Abstract Number: C74017768

**Title: An adaptive information retrieval system using partial file inversion**

Author(s): Reardon, B.C.

Author Affiliation: Univ. Coll., Dublin, Ireland

Journal: Information Storage and Retrieval vol.10, no.2 p.49-56

Publication Date: Feb. 1974 Country of Publication: UK

CODEN: IFSRAS ISSN: 0020-0271

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The retrieval of information by means of freely chosen descriptors may be handled efficiently by creating an inverted file organization in an adaptive manner, entries in this file being generated by sequential searching of the master file, when required. A system design utilizing this concept and **incorporating features to generate file keys** of wide generality, to minimise sequential searching, and to regulate the **size** of the inverted **file** , is described. Operational **parameters** which can be varied to tune the system for efficient operation are discussed. Some potential applications of this type of retrieval system are presented. (2 Refs)

Subfile: C

Descriptors: file organisation; information retrieval systems

Identifiers: adaptive information retrieval system; partial file inversion; freely chosen descriptors; sequential searching; file keys; operational parameters

Class Codes: C6120 (File organisation); C7250 (Information storage and retrieval)

11/5/10 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1340727 NTIS Accession Number: NTN87-0829

**Ada Language System (ALS), Version 3.0**

(NTIS Tech Note)

Department of the Army, Washington, DC.

Corp. Source Codes: 000137000

Sep 87 1p

Languages: English

Journal Announcement: GRAI8804

FOR ADDITIONAL INFORMATION: Contact: NTIS Computer Products Center, NTIS, 5285 Port Royal Road, Springfield, VA 22161; (703) 487-4763. Refer to PB87-127346/NAC.

NTIS Prices: Not available NTIS

Country of Publication: United States

This citation summarizes a one-page announcement of technology available

for utilization. The Ada Language System (ALS) is a complete programming environment with features which support the life cycle of software written in Ada. Its extensible tool set provides an open-ended environment. Configuration control is provided through a variety of **features**, including protected access to **files** and records of how objects are **created**. A **key feature** of the ALS design is support for portability. Rehosting is eased by the ALS KAPSE which provides a standard interface between the host machine and the rest of the programming environment. The tools and file system remain constant over different host machines, aiding the ability of programmers to move from one environment to another. The ALS is also designed to produce programs which will execute on a variety of target machines. The tools have been designed so that the degree to which components need to be changed for retargeting is minimized. The system is written in the Ada, Bliss and Macro-II programming languages for implementation on a DEC VAX 11/780 computer under the VAX/VMS V.4.4 operating system.

File 275:Gale Group Computer DB(TM) 1983-2005/Jan 27  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 27  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 27  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Jan 27  
(c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 26  
(c)2005 The Gale Group  
File 624:McGraw-Hill Publications 1985-2005/Jan 27  
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Set	Items	Description
S1	3609149	KEY? ?
S2	8278	UNIQUE() (ID OR IDENTIFIER? ? OR IDENTIFICATION) OR UID OR - GUID
S3	39613	(ATTRIBUTE? ? OR PROPERTY OR PROPERTIES) (5N) (FILE? ? OR DO- CUMENT? ?)
S4	85565	(CHARACTERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAMETER? ?) (5N) (FILE? ? OR DOCUMENT? ?)
S5	61912	FILENAME? ? OR FILE()NAME? ? OR (NAME OR TITLE) (3N) DOCUMEN- T? ? OR (SIZE OR LENGTH) (3N) (FILE? ? OR DOCUMENT? ?)
S6	7	DERIV?(7N)S1:S2(7N)S3:S5
S7	4	RD (unique items)
S8	96	S1:S2(7N)S3(7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR FAS- HION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR P- RODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COMPU- TED OR COMPUTING OR CALCULA? OR DEFIN???)
S9	1171	S1:S2(7N)S4:S5(7N) (ESTABLISH? OR GENERAT? OR CREAT???? OR - FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD? OR COMPUTE OR COMPUTES OR COM- PUTED OR COMPUTING OR CALCULA? OR DEFIN???)
S10	76950	S1:S2(7N) (ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARAC- TERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAM- ETER? ? OR S5) (7N) (ENCOD??? OR INSERT??? OR ADD??? OR INCLUD?- ?? OR INCORPORAT???)
S11	369	S8:S9(100N)S10
S12	20966	S1:S2(7N) (ATTRIBUTE? ? OR PROPERTY OR PROPERTIES OR CHARAC- TERISTIC? ? OR ASPECT? ? OR FEATURE? ? OR ELEMENT? ? OR PARAM- ETER? ? OR S5) (7N) (ENCOD??? OR INSERT??? OR ADD??? OR INCORPO- RAT???)
S13	79	S8:S9(50N)S12
S14	46	RD (unique items)
S15	36	S14 NOT PD>20020306

7/9/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02438098 SUPPLIER NUMBER: 65706008 (THIS IS THE FULL TEXT)  
**FilePool: Easy E-Mail Attachments. (Company Business and Marketing)**  
Munro, Jay  
Computer Shopper, 136  
Nov 1, 2000  
ISSN: 0886-0556 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 356 LINE COUNT: 00030

TEXT:

Rated 5 Stars (Rated 1 to 5 stars)

More than just messaging, e-mail has become a convenient way to transfer files between co-workers and friends. But anyone who routinely sends e-mail attachments knows that very large files often get blocked, and others can get corrupted en route. FilePool has a solution.

This Web service combines online file storage with a unique 32-character digital signature that you distribute within your e-mail messages, instant messages, Web pages, or documents. Instead of an e-mail attachment, your recipients get a coded e-Clip that they click on to download the file from FilePool's site.

Unlike Internet storage services such as i-drive.com, which first require you to log in to their sites, FilePool's embedded e-Clip link automatically provides recipients with one-click access to the associated files. You create e-Clips with the easy-to-use (and aptly named) ezAttach applet. You can work live on the FilePool site, or offline using the downloadable ezAttach agent. Your file is uploaded into the "pool" and can be retrieved with your unique e-Clip **key** - **derived** from the content of the file, rather than a **filename** and path- regardless of where in FilePool's system it is stored.

FilePool guarantees permanent storage of your files on its distributed system. You can save any type of file, from contact-management lists to photos. Because the e-Clip is unique to the content of the file, it will not work if the file is ever corrupted or changed. If you paste an e-Clip into a program that doesn't display links (such as Notepad), you will need to copy the e-Clip into a browser URL line to begin the download process. And be careful not to lose your e-Clip, because you can't retrieve the file from FilePool's site without it.

In short, FilePool gives users a simple and secure way to send file attachments without worrying about e-mail server file-size limits or file corruption.

15/3,K/1 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02081009 SUPPLIER NUMBER: 19534776 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Intranets - before you take the plunge. (tips on creating intranet)**  
**(Technology Information)**

Kirvan, Paul

Communications News, v34, n6, p44(1)

June, 1997

ISSN: 0010-3632 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 772 LINE COUNT: 00069

... supported, communications protocols, network interfaces, Web software, browser software, network security, remote access, network facilities, and other **key** intranet **elements**.

\* **Establish** and **document** rules for **adding** new client machines to the intranet, **adding** new applications, **adding** and deleting users, and making changes to any of these items.

\* Establish how you will protect the...

15/3,K/2 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01893825 SUPPLIER NUMBER: 17934464 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**XSoft adds abstracts to Visual Recall. (XSoft's Visual Recall 2.0 text-retrieval system) (Product Information)**

Seybold Report on Desktop Publishing, v10, n4, p27(1)

Dec 11, 1995

ISSN: 0889-9762 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 603 LINE COUNT: 00052

TEXT:

Text retrieval software finds and extracts **key** points from **documents** XSoft has **added** an innovative **feature** to its Visual Recall **product** that automatically highlights and extracts the **key** points of a document. Developed at Xerox Palo Alto Research Center (PARC), the new technology, called Excerptps...

15/3,K/3 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01862674 SUPPLIER NUMBER: 17582342 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Burning Win 95 CDs with QuickTOPIX. (Optical Media International's QuickTOPIX for Windows 95 and QuickTOPIX for Windows NT CD-ROM mastering software) (Software Review) (Evaluation)**

Dyszel, Bill

Windows Sources, v3, n12, p102(2)

Dec, 1995

DOCUMENT TYPE: Evaluation ISSN: 1065-9641

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 711 LINE COUNT: 00056

... simplifies your choices and insulates you from the messy details of CD file formats. You can also **define** your own templates and save **elements** of your project in working **files** for later use.

While we like the templates, the redesign of QuickTOPIX doesn't include **key** Windows 95 **features** that make common **file** tasks almost an afterthought. You can't drag and drop to **add** files or organize your project the way you can in some competitors, such as Corel's \$495...

15/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)



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01846729 SUPPLIER NUMBER: 17587417 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Working on the Web: HTML authoring tools. (hypertext markup language) (five HTML authoring tools tested) (includes related articles on HTML tags and Web sites) (Software Review) (Evaluation)**  
Harvey, David A.  
Computer Shopper, v15, n11, p528(8)  
Nov, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5284 LINE COUNT: 00443

... has the welcome ability to map template styles to HTML, it falls flat on its face in **key aspects** of HTML document creation .

INTERNET PUBLISHER

Another word processing add-on, Novell's Internet Publisher, works with WordPerfect 6.1 for Windows or WordPerfect for SGML 6...

15/3,K/5 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01707338 SUPPLIER NUMBER: 16169087 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Nexpo '94: newspaper industry comes up swinging.**  
Edwards, Stephen E.; Neeff, David; Rossello, Rosanne; Tribute, Andrew  
Seybold Report on Publishing Systems, v23, n21, p3(36)  
August 9, 1994  
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 33888 LINE COUNT: 02630

... normal performance enhancements that accompany the rewriting of software, such as code optimization, new functionality is being **added** . A **key** area is **file** management.

**File** management. New directory **features** include selective directory **generation** similar to that in the IQue system, which gives the operator access to a variety of search...

15/3,K/6 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01667081 SUPPLIER NUMBER: 15029794 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The 9th annual Editors' Choice awards. (best products of the year) (includes related articles on John J. Anderson Distinguished Achievement Award, Hardware Product of the Year, Breakthrough Technology of the Year, Derek Van Alstyne Rising Star Award, Software Product of the Year, list of prospects for 1994 and a product directory)**  
MacUser, v10, n3, p81(16)  
March, 1994  
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 8920 LINE COUNT: 00751

... printing, finer screens, and better color.

Timbuktu Pro 1.0 (Farallon): The latest version of the Timbuktu **file** -transfer program **adds** new security **features** and support for TCP/IP.

1993 **PRODUCT** DIRECTORY

Abacus

\$149

**Key** Tronic Corp.

800-262-6006

509-928-8000

addDepth 1.0

\$179

Ray Dream, Inc.

15/3,K/7 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01636364 SUPPLIER NUMBER: 14425802 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Silverrun RDM version 2.2. (Computer Systems Advisers' client/server  
computer-aided software engineering package) (Software Review) (Hands On)  
(Evaluation)**  
Frank, Maurice  
DBMS, v6, n11, p26(3)  
Oct, 1993  
DOCUMENT TYPE: Evaluation ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1687 LINE COUNT: 00133

... s modeling offers extensive support for physical design issues. You can specify columns that are derived by **calculations** or copied (denormalized) from another table. Silverrun will **generate** index specifications for primary- or foreign- **key** columns and **add** these to the **generated** SQL script **file**. Additional logical modeling **features** include domain support, foreign- **key** migration, supertypes and subtypes (a special type of relationship between entities), and error-checking of schemas. The...

15/3,K/8 (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01580035 SUPPLIER NUMBER: 13084377 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hiding ISAM function libraries with OOP. (Indexed Sequential Access Method;  
object-oriented programming) (includes related article on using CBTREE  
with C++) (Tutorial)**  
Murphy, Thomas  
C Users Journal, v11, n1, p81(12)  
Jan, 1993  
DOCUMENT TYPE: Tutorial ISSN: 0898-9788 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3234 LINE COUNT: 00244

... necessarily to the source file shown in Listing 2). In order to set up a function to **generate** **keys**, the function name must be entered in the **parameter** **file** (btparams. btr), the function prototype and code must be **added** to Listing 3, and finally the name and address must be added to the Catalog[] array in...

15/3,K/9 (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01520375 SUPPLIER NUMBER: 12215460 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hotshot ImageBase organizes graphics. (Symsoft Corp.'s computer graphics  
search software) (Software Review) (Evaluation)**  
Nadler, Bob  
Computer Shopper, v12, n7, p677(1)  
July, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1081 LINE COUNT: 00085

... selected an image, brought the ImageFinder highlight bar down to the WordPerfect line, and pressed the Enter **key**.

ImageFinder automatically **created** a figure box, and the selected image's path and **filename** were promptly **added** to the WordPerfect

figure-definition screen's filename line.

ImageFinder automatically exited, and the selected image was...

15/3,K/10 (Item 10 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01514842 SUPPLIER NUMBER: 11922157 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Specialized printers expedite non-standard applications.**  
Panchak, Patricia L.  
Modern Office Technology, v37, n2, p42(2)  
Feb, 1992  
ISSN: 0746-3839 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1309 LINE COUNT: 00105

... toner replacement cartridges simply by installing MICR fonts and a MICR toner cartridge.

However, because the MICR- **encoded** documents are usually financial documents, printers marketed as MICR printers **feature** extensive security features such as **built in key** locks and a removable font cartridge.

An additional concern with MICR non-impact printing is the quality...

15/3,K/11 (Item 11 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01505546 SUPPLIER NUMBER: 11969490 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Speed up your Clarion applications. (Tutorial)**  
Burgess, Mark S.  
Data Based Advisor, v10, n3, p99(1)  
March, 1992  
DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 978 LINE COUNT: 00072

... Normally, when you want to place a new record into a Clarion data file, you use the **ADD ( file name )** command. This writes the record in memory for the file called " file name " and **creates** the appropriate **key** entries. (Clarion uses the term " **Key** " to describe indexes that the compiler manages in memory automatically. Clarion "indexes" reside on the disk and...

...file name) command to turn off automatic flushing before you begin importing records.

B. Use the **APPEND( file name )** command to **add** the records to the data file in record order. Append doesn't rebuild the **keys**.

C. Issue the **FLUSH( file name )** command when the you're done importing.

D. Issue the **BUILD ( file name )** command to rebuild all of the **keys** one time only.

One caution: This method won't work if you need to make comparisons with...

15/3,K/12 (Item 12 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01492067 SUPPLIER NUMBER: 11935434  
**Way You Work tries to make DOS more palatable. (Proteo Technology Corp.'s operating system enhancement) (Software Review) (Evaluation)**  
Marshall, Patrick  
InfoWorld, v14, n8, p109(1)  
Feb 24, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: make MS-DOS more intuitive by allowing users to enter as many as 35 characters for a **file name**, and **add** such pertinent data as **key words**, author names and **creation** dates to the given files. Included with the program is a set of personal information utilities such...

15/3,K/13 (Item 13 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01419207 SUPPLIER NUMBER: 09749715 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Via 1.0 fortifies DOS programs by automating keystrokes. (Portable Computing Systems Via 1.0 macro language) (Software Review) (evaluation)**  
Coffee, Peter  
PC Week, v8, n2, p61(2)  
Jan 14, 1991  
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 581 LINE COUNT: 00044

... function is needed.

An example program included with Via shows how this technique can be used to **add** a password **feature** to the **file -retrieve** command in WordPerfect.

A **key** can also be disabled by **defining** it as a PausKey for an empty sequence of keystrokes.

Via can start an application, make it...

15/3,K/14 (Item 14 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01177612 SUPPLIER NUMBER: 04421287 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Encryption market is smaller than experts predicted.**  
Gabel, David  
PC Week, v3, n40, p172(2)  
Oct 7, 1986  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 990 LINE COUNT: 00077

... software to be released from Cryptext "injects true randomness" into the encryption, he said.

"We think our **products** are better than DES," Mr. Hawkes said. With the random **feature**, two identical **files** encrypted with identical **keys** will be different, a situation that cannot happen with the DES, he **added**.

15/3,K/15 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod. Annou. (R)  
(c) 2005 The Gale Group. All rts. reserv.

03021261 Supplier Number: 79331562 (USE FORMAT 7 FOR FULLTEXT)  
**Red Hat Announces Immediate Availability of Red Hat Linux 7.2.**  
Business Wire, p2021  
Oct 22, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1167

... and Hardware Viewing

tools for infrastructure and development

-- Firewall Configuration during installation and Red Hat Network for **added** security.

Red Hat Linux 7.2 is a powerful workstation **product** at an unbeatable price. **Key new features** include:

-- Improved USB support

- Nautilus file manager
- Mozilla Web browser
- Latest versions of the GNOME and KDE desktop environments
- Office applications, such as...

15/3,K/16 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02609072 Supplier Number: 64192900 (USE FORMAT 7 FOR FULLTEXT)  
**The Next Generation of CAD Color Presentation by CGS World.**  
Business Wire, p2234  
August 15, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 381

... needs of CAD users such as Architects, Engineers, Land Planners, Facility Planners and others who wish to add color to their drawings. It is fast and easy to use.

Some of Poly Designers **Key Features** are:

- Reads AutoCAD(R) drawing file to produce a high quality presentation.
- Does not affect the original drawing file (settings stored separately).
- Allows as many...

15/3,K/17 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02551963 Supplier Number: 62982858 (USE FORMAT 7 FOR FULLTEXT)  
**Microtest Delivers Next Step in FileZerver Strategy; New Capabilities Increase FileZerver's Lead in Mid-Range NAS Marketplace.**  
Business Wire, p0465  
June 27, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 749

... server sled, offering unprecedented scalability and performance in EIDE file sharing. In addition, Version 1.1. also adds several **key features** to the FileZerver SCSI **product** line. With its increased range of **file** storage options and **features**, FileZerver is strategically positioned to capture the vertical markets served by Microtest's integrator partners.

"Microtest is...

15/3,K/18 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

01533120 Supplier Number: 47374284 (USE FORMAT 7 FOR FULLTEXT)  
**Revelation Software unveils "Revelation Data Exchange" - powered by Revelation VIP.**  
Business Wire, p5121099  
May 12, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 928

... source and target tables - without any scripting required - through a broad range of exchange options such as **insert**, **update**, **create** table in HTML file, and **append** table to HTML file. **Key features** include:

- Non-procedural joins - Developers can **create** table joins between

heterogeneous data sources, using wizard-driven criteria.  
-- No pre-set column/row restrictions - Revelation...

15/3,K/19 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

01501097 Supplier Number: 47193461 (USE FORMAT 7 FOR FULLTEXT)  
**FirstFloor Introduces Java-Based Push Server; Addition to Smart Delivery  
Product Family Enables Software Developers to Integrate Targeted Document  
Distribution Into Client/Server Applications.**  
Business Wire, p3101063  
March 10, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 748

... of FirstFloor Software. "FirstFloor's Smart Notification Server  
gives client/server software vendors the ability to easily **incorporate** a  
robust notification and document delivery solution into existing  
applications."

Smart Notification **Key Features** and Benefits  
-- Notification and **document** delivery to groups of users: The Smart  
Notification Server allows the simple **construction** of user groups such as  
departments, functions, or territories so that each group receives the set  
of...

15/3,K/20 (Item 6 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01483853 Supplier Number: 47092549 (USE FORMAT 7 FOR FULLTEXT)  
**Astound Inc. Brings Web-based Java-Powered Animation to the Macintosh  
Platform; Powerful Web Page Tool for Creating and Delivering Interactive  
Animation.**  
Business Wire, p02031101  
Feb 3, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 828

... size drastically shortens the file transfer time. For Web browsers  
that don't support Java, WebMotion can **create** simpler animations that do  
not **incorporate** sound or interactivity, and save them as animated GIF  
**files**.

Another **key feature** of the player is its ability to "stream" the  
animation. This allows the animation to begin playing...

15/3,K/21 (Item 7 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

01449625 Supplier Number: 46868827 (USE FORMAT 7 FOR FULLTEXT)  
**Astound Incorporated Ships Astound WebMotion With Enhanced Feature Set.**  
Business Wire, p11061004  
Nov 6, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 828

... size drastically shortens the file transfer time. For web browsers  
that don't support Java, WebMotion can **create** simpler animations that do  
not **incorporate** sound or interactivity, and save them as animated GIF  
**files**.

Another **key feature** of the Player is its ability to "stream" the

animation. This allows the animation to begin playing...

15/3,K/22 (Item 8 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01315374 Supplier Number: 45891529 (USE FORMAT 7 FOR FULLTEXT)  
**Panther Software introduces Office Central for all Windows users; the  
easiest way to view, access, edit and file documents.**  
Business Wire, pl0301048  
Oct 30, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 705

... is so advanced yet so simple because it mirrors the way people  
already work without replacing anything," added Robinson.

Office Central allows users to:

-- Get **key features** of Windows 95 at a fraction of the cost. --  
**Create** clear, meaningful, long **file names**. -- Preview files without  
starting applications. -- Setup folders by subject without regard to any  
single application. -- Replace arcane...

15/3,K/23 (Item 9 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01165422 Supplier Number: 42140470 (USE FORMAT 7 FOR FULLTEXT)  
**Sirlin VIEW/POP Pop-Up Drawing Viewer**  
News Release, pl  
June 10, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 410

... without expanded memory installed). From within your DOS text-mode  
application, simply position the cursor on a **file name**  
, press a user-

**defined "hot" key**, and the drawing is displayed.

Sirlin VIEW/POP lets you seamlessly **add viewing features**  
to off-the-  
shelf applications. Examples of how Sirlin VIEW/POP can be used  
include:

o Drawing...

15/3,K/24 (Item 10 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01136426 Supplier Number: 41175866 (USE FORMAT 7 FOR FULLTEXT)  
**INTERGRAPH INTRODUCES DP/COLOR PUBLISHER AT THE 1990 COMPUTER & ELECTRONIC  
PUBLISHING SHOW**  
News Release, pl  
Feb 16, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 433

... March 1.

The newest module of Intergraph's Distributed Publishing System,  
DP/Color Publisher allows users to **add** professional quality color to  
documents by **incorporating** full color photographs or computer

generated graphics, and by highlighting key document elements

The product offers spot and process color, plus access to the PANTONE (R)\* Palette.

For high-resolution separations, DP...

15/3,K/25 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04140168 Supplier Number: 54325829 (USE FORMAT 7 FOR FULLTEXT)  
**CAERE: Caere announces PageKeeper Pro document management software.**  
M2 Presswire, pNA  
April 8, 1999.  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1892

... of documents - PageKeeper Pro offers Smart Folders, a unique method for automatically filing documents based on user-defined criteria. Smart Folders allows users to specify filing parameters such as key words, file type and document size. As a result, new documents added to PageKeeper can be automatically filed to the appropriate folder without manual efforts. This important feature automates...

15/3,K/26 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03341639 Supplier Number: 46869209 (USE FORMAT 7 FOR FULLTEXT)  
**ASTOUND: Astound Incorporated ships Astound WebMotion with enhanced feature set**  
M2 Presswire, pN/A  
Nov 6, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 869

... size drastically shortens the file transfer time. For web browsers that don't support Java, WebMotion can create simpler animations that do not incorporate sound or interactivity, and save them as animated GIF files.

Another key feature of the Player is its ability to "stream" the animation. This allows the animation to begin playing...

15/3,K/27 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03152764 Supplier Number: 46454854 (USE FORMAT 7 FOR FULLTEXT)  
**MILSATCOM architecture details almost ready**  
Military Space, v13, n13, pN/A  
June 10, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1170

... job with the architectures -- because there are a lot of ways to skin this cat .... "

Capstone requirements key

The architectural review was aimed at building the key elements for the Capstone Requirements Document (CRD), adding identified and desirable capabilities into basic military needs. These include:

\*capacity;



\*assured access;  
\*interoperability;  
\*global coverage;  
\*data...

15/3,K/28 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04766503 Supplier Number: 47016524 (USE FORMAT 7 FOR FULLTEXT)  
**DataBot 1.0 speeds C/S application development**  
InfoWorld, p78  
Jan 6, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 762

... the ERwin database (e.g., table and column names, relationships, column sizes and data types, and primary **key** and foreign **key attributes** ), **created** text and binary model **files** , and **added** them to my VB project.

I then viewed information about my database in DataBot's Model Viewer

...

15/3,K/29 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02136906 Supplier Number: 42773284  
**Way You Work tries to make DOS more palatable**  
InfoWorld, p109  
Feb 24, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...DOS more intuitive. Way You Work allows users to enter as many as 35 characters for a **file name** , and **add key** words, **creation** date, project names, notes, and author name. The package also includes an alarm clock, a calendar, and...

15/3,K/30 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

12921884 SUPPLIER NUMBER: 68278304 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A fair exchange. (Easitrade )**  
OSEI-MENSAH, STEVE  
Money Marketing, 62  
Nov 30, 2000  
ISSN: 0958-3769 LANGUAGE: English . RECORD TYPE: Fulltext  
WORD COUNT: 1276 LINE COUNT: 00103

... of comparative quotation services and document libraries on their own websites for use by consumers.

Easitrade provides **added** functionality that allows the consumer to view and print **product** and client specific **key features documents** , blank proposal **forms** and other provider specific sales literature from the IFA's website. The service has a referral facility...

15/3,K/31 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09195924 SUPPLIER NUMBER: 19006477 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
DataBot 1.0 speeds C/S application development. (Logic Works Inc  
client/server programming tool) (Software Review) (Evaluation)  
Stoughton, Alan M.  
InfoWorld, v19, n1, p78(1)  
Jan 6, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 812 LINE COUNT: 00068

... the ERwin database (e.g., table and column names, relationships,  
column sizes and data types, and primary **key** and foreign **key**  
**attributes** ), **created** text and binary model **files** , and **added** them to  
my VB project.

I then viewed information about my database in DataBot's Model Viewer

15/3,K/32 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0106707

TREES 'N KEYS, Part 1 : Keyed file systems can help unlock the data you've  
got stored in humongous databases

Rick Grehan

, Vol. 14, No. 1, Pg 379

SECTION HEADING: Hands On

WORD COUNT: 3,552

TEXT:

...of records free for use, as shown in figure 5. Use of the available  
list stabilizes the **size** of the **file** as **keys** are **added** and removed.

Having **defined** the structure of the B-tree, I'll describe how to use  
it, beginning with the routine...

15/3,K/33 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02566574 232545821

Digital libraries: Future potentials and challenges

Pope, Nolan F

Library Hi Tech v16n3/4 PP: 147-155 1998

ISSN: 0737-8831 JRNL CODE: LIHT

WORD COUNT: 5846

...TEXT: of such databases if such controls are not applied. The balance  
between laborintensive traditional cataloging and surrogate **creation** via  
human and machine conventions is **key** to the full realization of this  
potential. Improved and standard **encoding** of primary **documents** can  
enable extraction of **key elements** into a surrogate, although the  
problem of consistent **forms** of naming remains problematic. Sophisticated  
text parsing, advances in natural-language processing, and minimal human  
review and...

15/3,K/34 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02073443 62423353

Pigging out on the Web

Goff, Leslie  
Catalog Age PP: S1, S10+ Oct 2000  
ISSN: 0740-3119 JRNL CODE: CTA  
WORD COUNT: 1672

...TEXT: experience."

In addition to smoother navigation, "pig-sized" design and content, and fast, efficient loading, the team **added** another **key feature** to the revamped design **document**: a **product** cost-benefit analysis tool that will **calculate** the labor and regulatory costs saved by using New Pig's products and display the results when...

15/3,K/35 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01079283 97-28677  
**Groupware gangbusters: DEC to challenge Exchange**  
Mohan, Suruchi  
Computerworld v29n34 PP: 1, 12 Aug 21, 1995  
ISSN: 0010-4841 JRNL CODE: COW  
WORD COUNT: 561

...TEXT: it would offer its MailWorks and All-In-1 users a migration path to Exchange.

OfficeServer will **incorporate key features** from Digital's mail **products**, including file cabinet and server-based conversion. The **file cabinet feature** is similar to the **file manager** in Windows, except that each document has a broad list of attributes such as date and...

15/3,K/36 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00597159 92-12332  
**Specialized Printers Expedite Non-Standard Applications The Generalist vs. The Specialist: How to Decide Which Printer Is Best for Your Application**  
Panchak, Patricia L.  
Modern Office Technology v37n2 PP: 42-44 Feb 1992  
ISSN: 0746-3839 JRNL CODE: MOP  
WORD COUNT: 2032

...TEXT: toner replacement cartridges simply by installing MICR fonts and a MICR toner cartridge.

However, because the MICR- **encoded** documents are usually financial **documents**, printers marketed as MICR printers **feature** extensive security **features** such as **built in key** locks and a removable font cartridge.